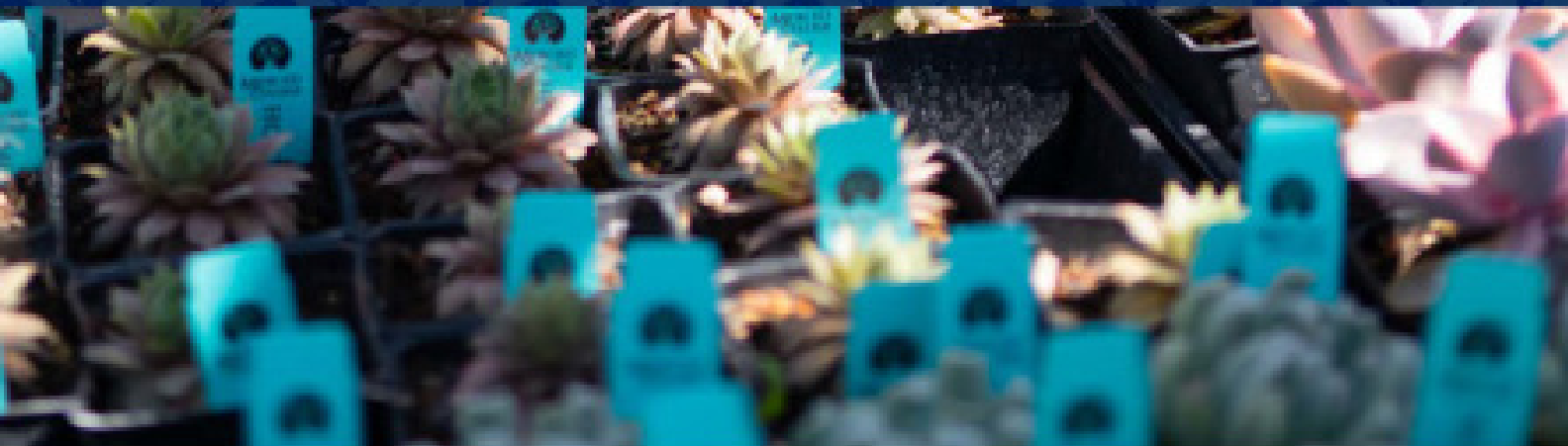


MERCED
COLLEGE



SPRING
2022
SCHEDULE



Made in Merced. Built for the World.

SPRING 2022

MERCED CAMPUS 3600 M Street; Merced, CA 95348 (209) 384-6000, admissions@mccd.edu
 LOS BANOS CAMPUS 22240 Highway 152; Los Banos, CA 93635 (209) 826-3495 or (209) 381-6411
 COUNSELING 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.....8:00am-5:00pm

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

STUDENT HEALTH SERVICES MERCED CAMPUS

Regular Hours:

Monday-Friday.....8:00am-5:00pm

MERCED COLLEGE STUDENT FEES

MERCED CAMPUS

Hours are subject to change

Regular Hours:

Monday-Friday.....8:00am-4:30pm

Late Nights: 8:00am-6:30pm

January 10-12

Summer Hours are subject to change

Regular hours:

Monday-Friday.....8:00am-4:30pm

Late Nights: 8:00am-6:30pm

January 10-12 2022

Tuesday, Wednesday 08:00a-06:30p

LOS BANOS CAMPUS

Hours are subject to change

Regular hours:

Monday-Wednesday.....9:00am-1:30pm

Thursday.....9:30am-1:00pm

Outside normal business hours please contact the

Merced Campus via email or phone (209) 384-6210

Student fees Email:

studentfees_custsvc@mccd.edu

ACADEMIC SUPPORT SERVICES Student Success and Tutorial Center (SSTC) Learning Resource Center (LRC)

Monday-Thursday 8 am to 7 pm

Friday 8 am to 5 pm

The SSTC is located in the Library at the Merced campus and provides FREE face-to-face tutoring and online tutoring via Zoom. The SSTC services include tutoring by MC tutors, faculty support, embedded counseling, and academic resources. The center is equipped with computers, printers, Wi-Fi, and charging outlets. Headphones, laptops, and calculators may be available for check out.

To access the virtual SSTC use Zoom meeting ID# 989-5340-3321 or login to Canvas, select any course shell and select the Student Success and Tutorial Center (SSTC) link, located on the left side of the home menu. If you have any questions, please contact the Student Success staff via phone (209-720-0036 or 384-6329), live chat, email (tutoring@mccd.edu). Outside of normal business hours, tutoring will be available through Smarthinking online tutoring. To access Smarthinking, students need to log in to Canvas for the class in which they need assistance and select the Smarthinking online tutoring link on their home menu. Students receive 10 free Smarthinking tutoring hours each semester.

Study Central

Study Central is located in the Library at the Merced campus and offers free, drop-in workshops, that cover a variety of topics that support student success. The workshops are offered face-to-face and online via Zoom. The flyers, Zoom links, and workshop ID numbers will be emailed to students one day prior to each workshop. Students can access the entire workshop schedule and recorded workshop videos on the Merced College Portal by clicking the Student Success tab (top right) and selecting Student Success Workshops from the drop down menu. Food and drinks are allowed in Study Central. If you have any questions, please contact the Student Success staff who are available via phone (209-720-0036 or 209-384-6329), live chat, email (studentsuccess@mccd.edu) or through the SSTC Zoom Virtual Office ID# 989-5340-3321.

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

SPRING 2022 IMPORTANT DATES

Spring 2022 Semester Registration Begins.....	October 11, 2022
Spring 2022 SEMESTER INSTRUCTION BEGINS (adds require instructor's signature for 18-week classes).....	January 10, 2022
Refund deadline for 18 week classes.....	January 23, 2022
<i>For all other classes, you must drop the day before 10% of the class meetings</i>	
Graduation and Certificate of Completion applications accepted.....	January 24 - March 18, 2022
Last chance to drop with no entry on transcripts for 18-week classes in person	January 28, 2022
OR online.....	January 30, 2022
<i>For all other classes, you must drop the day before 20% of the class meetings</i>	
Instructional Dean's signature required on adds if effective date is after 3rd week.....	February 1, 2022
Pass/No Pass Option deadline.....	February 18, 2022
Spring 2022 Mid-Session begins.....	March 14, 2022
<i>Adds require instructor's signature beginning first day of the term</i>	
Scholarship Application Deadline.....	March 25, 2022
Last chance to drop with a "W" for 18-week classes in person.....	April 14, 2022
OR online.....	April 17, 2022
<i>For all other classes, you must drop the day before 75% of the class meetings</i>	
Final Exams.....	May 16-20, 2022
End of Spring 2022 Semester	May 20, 2022
Memorial Day - campus closed	May 30, 2022

SPRING 2022 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 or in person at the campus Student Fees office. The Student Fees office is located on the 3rd floor of the Leshner Student Services Center in Merced and at the Fees Counter at Los Banos Campus Building A. Before registering, students who owe money must pay in full or have a payment plan in place. If you owe money or need a payment plan, please contact the Student Fees office in person or by telephone at (209) 384-6219 or (209) 384-6212

Fees are subject to change.

Enrollment Fee	\$46.00 per unit
Non-Resident Tuition.....	\$261 per unit, plus enrollment fee
Health Fee*.....	\$21.00
Student Rep Fee**.....	\$2.00
Student Body Fee***.....	\$10.00
Transportation Fee.....	\$9.95 Enrolled 12 units or more
Transportation Fee.....	\$6.95 Enrolled less than 12 units
Parking Fee.....	auto \$30.00 per term, or \$2.00 per day

*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)

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

**Ed. Code Section 76060.5 allows the Students to request a waiver of this fee for religious, political, moral, or financial reasons

1. Fee is used to support student advocacy at the local, state and national levels. No fee for summer session.
2. Student Representation Fee Waiver forms are available at the Student Fees Office or ASMC. This form must be submitted by the end of the first week of the semester.

***Per California Community College Student Fee Handbook section 4.3 states that this fee is optional to students:

1. Fee is used for the following: events, club activities, student conferences, student lounge, student professional organization memberships, student emergency book loans and bus passes, college campus tours, scholarships.
2. Student Body Fee Waiver forms are available at the Student Fees Office or ASMC. This form must be submitted by the end of the first week of the semester.

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
1) New and Returning Students			
A) Application	At www.mccd.edu click on Welcome Students Get Started Here. Next, click on Apply Today. Click on Apply Online and choose your student type.	You can go to the Welcome Center in the Leshar Building, Room 102 (lower level) for assistance. Los Banos Students: LB Student Services Building A	New & Returning students
B) Placement Questionnaire	1.Find your high school transcript (Recommended for more accurate placement). See instructions on how to obtain your high school transcript (pdf). 2.Log into the Merced College Portal using your username and password, go to WebAdvisor for students, then Academic Profile, then Placement Questionnaire (PQ). For help, view detailed instructions on how to log in (pdf). 3.Open the Placement Questionnaire (PQ) 4.Answer the questions to the Placement Questionnaire 5.Check your responses for accuracy (Responses to the Placement Questionnaire will be randomly verified using official transcripts.) 6.Submit your responses at the end of the Placement Questionnaire by checking the confirmation box and selecting on the "Submit" button.	You can go to the Welcome Center in the Leshar Building, Room 102 (lower level) for assistance with the Placement Questionnaire. Please bring your high school transcript (either official or unofficial) to answer the questions. View the contact page for Welcome Center office hours. For more information visit our Placement Questionnaire Frequently Asked Questions section, (http://www.mccd.edu/getstarted/placement-faq.html). Los Banos Students: LB Student Services Building A	New & Returning students
C) Orientation	Complete online orientation at www.mccd.edu . To access the orientation click on Welcome Students Get Started Here and then click on Apply Today. Complete step 2.	You may complete orientation on campus during the Open Lab session.	New & Returning students
D) Set up MC4me Student portal account	At www.mccd.edu , click on Welcome Students Get Started Here. Click on Apply Today and choose step 2. There will be link with instructions to set up you MC4me Student Portal.	You may set up your student portal account when you come to campus for an Open Lab Session.	New & Returning students
E) Obtain ID card	Available at the Admissions and Records Office on the 2nd floor of the Leshar Student Services Center. Allow one hour after submitting your application. Los Banos Students: LB Student Services Building A (Picture ID required).		New & Returning students who do not have a yellow Merced College ID card
F) New Student Planning Session	At www.mccd.edu click on Welcome New Students Get Started Here and then click on Apply Today. Next, select step 4.	Call Merced College at (209) 384-6000-select option 8. Call Los Banos at (209) 826-3495 or 301-6411.	New & Returning students
2) Register for Classes	Online through your MC4me portal account. For technical help, call Student Help Desk at 209-381-6565. A helpful resource on how to register online and the Merced College English and Math Course Sequence charts are available at www.mccd.edu . Click on New and Returning Students and scroll to step 4 for the links.	You can go to the Welcome Center in the Leshar Building, Room 102 (lower level) for assistance. Los Banos Campus: Building A Student Services window.	All students
3) Pay Fees	Online through your MC4me student portal account at www.mccd.edu/makeapayment	In person at the Leshar Student Services Center, Student Fees Office, 3rd floor or the Los Banos Campus, Student Services window.	All registered students

ONLINE REGISTRATION

CONTINUING STUDENTS

The date you may begin Spring 2022 registration depends upon the registration group you are assigned (the registration group dates may be found below). Students will be notified of their registration group through Merced College student e-mail. If you did not receive an e-mail notification or disagree with the registration group assigned to you, please come to the Admissions & Records office.

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

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

Note 2: If you want to register in a course which has a prerequisite, you 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, assessment 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.

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).

GROUP 1	Registration begins	Wednesday October 13, 2021	Students who are qualifying Foster Youth or former Foster Youth ¹ , or Homeless Youth ² at Merced College OR Students who are qualifying Veterans, or students who are receiving services from EOPS, DSPS, CalWORKs or Tribal TANF and who: <ul style="list-style-type: none"> • have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College • have completed less than 100 degree applicable units at Merced College • do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling
GROUP 2A	Registration begins	Monday October 18, 2021	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"> • have completed orientation, assessment, and developed a student comprehensive education plan at Merced College • have completed less than 100 degree applicable units at Merced College • do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling
GROUP 2B	Registration begins	Wednesday October 20, 2021	New students, including graduating high school seniors, who: <ul style="list-style-type: none"> • have completed orientation, assessment and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College
GROUP 2C	Registration begins	Monday October 25, 2021	Returning students and all other continuing students at Merced College prior to semester enrolling and who: <ul style="list-style-type: none"> • have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College • have completed less than 100 degree applicable units at Merced College • do not have 2 or more continuous semesters of probation at Merced
Open Registration	Registration begins	Wednesday October 27, 2021	All other students (i.e. Special Admit K-12 students, students who have completed 100 or more degree applicable units, academic enrichment, students not completing orientation, assessment and/or education plans, etc.)

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

Spring 2022 Classes

Accounting(ACTG)

ACTG-04A Financial Accounting

4.0 units: 72.0 hours lec.

Prerequisite: *Advised* 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

92456 Stapleton, I Online
Comments: Section 92456 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stapleton.i@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.

92657 Stapleton, I Online
Comments: Section 92657 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stapleton.i@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.

Merced Campus

91037 TTh 10:00a-11:50a Staff, M AHC-128
Comments: Section 91037 has a web component which requires internet access.

96015 M 05:30p-09:20p Stapleton, I AHC-128
Comments: Section 96015 has a web component which requires internet access.

ACTG-04B

Managerial Accounting

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take ACTG-04A or ACTG-51

Advised 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

72003 Snipes, R Online
Comments: Section 72003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: snipes.r@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.

92603 Vilhauer, C Online
Comments: Section 92603 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vilhauer.c@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.

Merced Campus

91822 MW 02:00p-03:50p Vilhauer, C VOC-141
Comments: Section 91822 has a web component which requires internet access.

91870 TTh 10:00a-11:50a Vilhauer, C VOC-141
Comments: Section 91870 has a web component which requires internet access.

ACTG-31 Computerized Accounting

2.0 units: 18.0 hours lec, 54.0 hours lab.

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

Advised Previously taken AOM-30 and ENGL-85AC is advised

Advisory: AOM-30 and ENGL-85A or ENGL-85AC. 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.

Online

92051 Staff, M Online
Comments: Section 92051 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Instructor not yet determined 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.

ACTG-51 Applied Accounting

4.0 units: 72.0 hours lec.

Prerequisite: *Advised* 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

92033 Stapleton, I Online
Comments: Section 92033 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stapleton.i@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.

ACTG-52 Payroll Records & Accounting

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ACTG-04A or ACTG-51

Advised Previously taken ENGL-85AC and MATH-80 or 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

72007 Snipes, R Online
Comments: Section 72007 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: snipes.r@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.

ACTG-53 Fundamentals of Income Tax Accounting

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ACTG-04A or ACTG-51 is advised.

This course provides the student with the knowledge of tax laws, accounting procedures, and preparation of required returns for federal income taxes. An introduction to partnership and corporate taxation, as well as a brief overview of tax administration, will supplement the course material.

Online

92002 Vilhauer, C Online
Comments: Section 92002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vilhauer.c@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.

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

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Online

92301 Greenwood, M Online
Comments: Section 92301 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: michelle.greenwood@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.

92371 Garcia Martinez, J Online
Comments: Section 92371 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92478 Zdanowski, M Online
Comments: Section 92478 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zdanowski.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.

92807 Garcia Martinez, J Online
Comments: Section 92807 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92882 Garcia Martinez, J Online
Comments: Section 92882 is held 01/10/22 to 03/08/22. Section 92882 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

Merced Campus

91957 MW 08:00a-08:50a Blackmore, C VOC-115
MW 09:00a-10:15a Blackmore, C VOC-115
Comments: Section 91957 has a web component which requires internet access.
91967 MW 01:00p-01:50p Abbott, D VOC-115
MW 02:00p-03:15p Abbott, D VOC-115
Comments: Section 91967 has a web component which requires internet access.

AOM-43**Essentials of Business Communication**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

92835 Pirtle, T Online
Comments: Section 92835 is held 04/04/22 to 05/20/22. Section 92835 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92881 Pirtle, T Online
Comments: Section 92881 is held 02/22/22 to 04/01/22. Section 92881 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92883 Pirtle, T Online
Comments: Section 92883 is held 02/22/22 to 04/01/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-928088, AOM-58A-92857, and VIRT-51-92889. Section 92883 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

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 memos, letters, envelopes, tables, and reports.

Online

92009 Blackmore, C Online
Comments: Section 92009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: cynthia.blackmore@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.

92884 Garcia Martinez, J Online
Comments: Section 92884 is held 03/09/22 to 05/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92884 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92885 Garcia Martinez, J Online
Comments: Section 92885 is held 03/09/22 to 05/09/22. Section 92885 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

AOM-50C Learn to Type

1.0 units: 18.0 hours lec.

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

Online

92800 Garcia Martinez, J Online
Comments: Section 92800 is held 01/10/22 to 02/07/22. Section 92800 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92886 Garcia Martinez, J Online
Comments: Section 92886 is held 01/10/22 to 02/07/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92886 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

Merced Campus

99085 TTh 08:00a-08:50a Blackmore, C VOC-115
Comments: Section 99085 is held 01/10/22 to 03/11/22. Section 92085 has a web component which requires internet access.

AOM-52C Keyboarding Speed & Accuracy

1.0 units: 18.0 hours lec.

This course is designed to increase keyboarding speed and accuracy through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy.

Online

92815 Garcia Martinez, J Online
Comments: Section 92815 is held 02/08/22 to 03/09/22. Section 92815 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92839 Blackmore, C Online
Comments: Section 92839 is held 03/14/22 to 05/20/22. Section 92839 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: cynthia.blackmore@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.

92887 Garcia Martinez, J Online
Comments: Section 92887 is held 02/08/22 to 03/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-928086, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92887 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

AOM-56 Office Procedures

3.0 units: 54.0 hours lec.

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

Online

92460 Downing, S Online
Comments: Section 92460 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sonja.downing@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.

92888 Pirtle, T Online
Comments: Section 92888 is held 01/10/22 to 02/18/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92888 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92899 Pirtle, T Online
Comments: Section 92899 is held 01/10/22 to 02/18/22. Section 92899 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

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

92510 Downing, S Online
Comments: Section 92510 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sonja.downing@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.

92857 Garcia Martinez, J Online
Comments: Section 92857 is held 03/10/22 to 05/11/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92857 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92858 Garcia Martinez, J Online
Comments: Section 92858 is held 03/10/22 to 05/11/22. Section 92858 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

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

92052 Carvalho, S Online
Comments: Section 92052 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: carvalho.s@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.

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.

Merced Campus

39333 MW 11:00a-12:15p Donaher, K AG-11
Comments: CONTACT: donaher.k@mccd.edu IN-CLASS SESSIONS: Lec; Mondays/Wednesdays; 11:00a-12:15p COMMENTS: Lecture hours per week will be held online. Section 39333 has a web component requiring internet access; additional fees may apply.

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 effects 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

32333 Baskins, S Online
Comments: Section 32333 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sarah.baskins@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.

Merced Campus

31990 W 06:00p-09:00p Baskins, S AG-11
Comments: This class has a web component which requires internet access. Additional fees may apply.

AGBS-12 Agricultural Accounting

3.0 units: 54.0 hours lec.

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

Merced Campus

31002 TTh 11:00a-12:15p Donaher, K AG-11
Comments: This class has a web component which requires internet access. Additional fees may apply.

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.

Merced Campus

39334 MW 11:00a-12:20p Donaher, K AG-11
Comments: This class has a web component which requires internet access. Additional fees may apply.

AGBS-17 Agricultural Sales & Communication

3.0 units: 54.0 hours lec.

This course involves the study of principles and practices of the selling process: selling strategies and approaches, why and how people buy, prospecting, territory management, and customer service. Additional topics for exploration include self-management, communication, interpersonal skills necessary to developing managerial abilities, leadership qualities, and facilitation of teamwork within the agribusiness sector.

Merced Campus

31082 TTh 09:30a-10:45a Bliss, S AG-11
Comments: This class has a web component which requires internet access. Additional fees may apply.

AGBS-18**Agricultural Computer Applications**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

32004 Bliss, S Online
Comments: Section 32004 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: samantha.bliss@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.

Los Banos Campus

78017 M 05:30p-07:20p Baffunno, M LB-A-108
W 05:30p-08:20p Baffunno, M LB-A-108
Comments: Section 78017 has a web component requiring internet access; additional fees may apply.

AGBS-30C Agriculture Leadership - Team Leadership

2.0 units: 36.0 hours lec.

Principles and practices in planning, developing, conducting, and evaluating leadership programs for agricultural groups. The course focuses on helping students better understand themselves and others; improving group communication; becoming effective leaders and members of groups; improving leadership and personal development skills; assessing leadership situations, determining and administering appropriate leadership strategies, and evaluating results.

Merced Campus

31024 M 03:15p-05:05p Bliss, S AG-11
Comments: This class has a web component which requires internet access. Additional fees may apply.

Agriculture (AGRI)**AGRI-10 Agriculture, Environment, & Society**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

32950 Doo, T Online
Comments: Section 32950 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: taylor.doo@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.

Merced Campus

39919 MW 11:00a-11:50a Maddux, M AG-10
Comments: CONTACT: mary.maddux@mccd.edu IN-CLASS SESSIONS: Lab; Mondays/Wednesdays; 11:00a-11:50a. COMMENTS: Lecture hours per week will be held online. Section 39919 has a web component requiring internet access; additional fees may apply.

Allied Health (ALLH)**ALLH-24 Work Experience in Allied Health**

1.0 units: .

Prerequisite: *Advised* Previously taken 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 experi-

ence 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: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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-63 Nurse Assistant

6.0 units: 63.0 hours lec, 135.0 hours lab.

Limitation on Enrollment: 1. Orientation Workshop 2. CPR Card-Module AC 3. Negative TB Screening test within past 6 months or negative chest x-ray within past year 4. Physical within past 6 months 5. DOJ fingerprint clearance 6. Penal Code Violations Clearance. The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities. The course emphasizes care of the older adult client, assistance with the activities of daily living, bathing, dressing, exercise movement, eating, eliminating safety measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

Merced Campus

46001 W 05:00p-08:20p Dickens, A AHC-130
Th 07:30a-11:30a Dickens, A OFML-HOSP
Th 12:00p-04:10p Dickens, A OFML-HOSP
Comments: ALLH 63 requires a mandatory orientation. Go to http://www.mccd.edu/academics/alliedhealth/nurse-assistant/

getsta.rted.html. Section 41002lab hours are held at Merced Nursing & Rehab, 510 W. 26th St., Merced, or La Sierra Care Center, 2424 M St., Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd., Atwater and includes a 30 minute lunch break.

46002 W 05:00p-08:20p Dickens, A AHC-130
S 07:30a-12:30p Staff, M OFML-HOSP
S 01:00p-06:10p Staff, M OFML-HOSP

Comments: ALLH-63 requires a mandatory orientation. Go to <http://www.mccd.edu/academics/alliedhealth/nurse-assistant> for more information. Section 49002 is held from 06/01/20 to 07/29/20 and lecture & lab include a 30 minute break. Nursing Assistant lab hours are held at Merced Nursing & Rehab, 510 W. 26th St., Merced or La Sierra Care Center, 2424 M St; Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd., Atwater.

Los Banos Campus

74021 Th 05:00p-08:15p Lima, B LB-B-138
S 06:30a-04:20p Lima, B LB-B-138

Comments: ALLH-63 requires a mandatory orientation. Go to <http://www.mccd.edu/academics/alliedhealth/nurse-assistant> for more information. Section 74020 lab hours are held at New Bethany Skilled Nursing facility; 1441 Berkeley Dr., Los Banos or Los Banos Nursing Rehab facility; Idaho Ave., Los Banos and includes a 30-minute lunch break.

ALLH-67 Medical Terminology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

42700 Provencio, G Online

Comments: Section 42700 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: provencio.p@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.

42710 Provencio, G Online

Comments: Section 42710 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: provencio.p@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.

72011 Fragasso, G Online

American Sign Language (ASLG)**ASLG-01 Beginning American Sign Language**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

22352 Chambers, K Online

Comments: Section 22352 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: krystle.chambers@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.

Merced Campus

21802 MW 03:30p-04:45p Chambers, K IAC-108

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

ASLG-02 High-Beginning American Sign Language

3.0 units: 54.0 hours lec.

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

Advised 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.

Merced Campus

21920 TTh 03:30p-04:45p Chambers, K IAC-108

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

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

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Merced Campus

31038 MWF 09:00a-09:50a Maddux, M AG-10

Comments: This class has a web component which requires internet access. Additional fees may apply.

ANSC-12 Livestock Breeding & Selection

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously ENGL-85AC is advised.

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.

Merced Campus

31656 MWF 10:00a-10:50a Maddux, M AG-10

Comments: This class has a web component which requires internet access. Additional fees may apply.

ANSC-14 Elements of Animal Nutrition

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken 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.

Merced Campus

31399 - Maddux, M

T 08:00a-10:50a Maddux, M AG-10

Comments: CONTACT: mary.maddux@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 08:00a-10:50a. COMMENTS: 2 Lecture hours per week will be held online. Section 31399 has

a web component requiring internet access; additional fees may apply.

ANSC-24 Work Experience in Animal Science

1.0 units: .

Prerequisite: *Advised* Previously taken 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

33204 - 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.

Prerequisite: *Advised* Previously taken 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

31314	Th	02:00p-02:50p	Maddux, M	AG-11
	Th	03:00p-04:15p	Maddux, M	AG-11

Comments: This class has a web component which requires internet access. Additional fees may apply.

Anthropology (ANTH)

ANTH-01 Intro to Biological Anthropology

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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.

Merced Campus

51001	MWF	11:00a-11:50a	Buechler, J	IAC-110
	M	02:00p-04:50p	Buechler, J	IAC-110
51002	MWF	12:00p-12:50p	Buechler, J	IAC-110
	W	02:00p-04:50p	Buechler, J	IAC-110
56001	T	05:30p-08:20p	Buechler, J	IAC-110
	Th	05:30p-08:20p	Buechler, J	IAC-110

ANTH-02 Sociocultural Anthropology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52001	Osborn, S	Online
Comments: Section 52001 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.osborn@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.		
52002	Osborn, S	Online
Comments: Section 52002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.osborn@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.		
72013	Deeming, K	Online
Comments: Section 72013 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: karen.deeming@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.		

Archaeology (ARCH)

ARCH-01 Introduction to Archaeology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52003	Crandall, J	Online
Comments: Section 52003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: james.crandall@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 (ART)

ART-01 Survey of Western Art, Prehistory-Middle

3.0 units: 54.0 hours lec.

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

Advised 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

52004	Warner-Davies, M	Online
Comments: Section 52004 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.warner-davies@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.		

Merced Campus

51004 TTh 11:00a-12:15p Isho, D ART-1

ART-02 Survey of Western Art From Renaissance To Contemporary

3.0 units: 54.0 hours lec.

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

Advised 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

52005 Cooper, T Online

Comments: Section 52005 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tricia.cooper@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.

72015 Cooper, T Online

Comments: Section 72015 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tricia.cooper@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.

Merced Campus

51005 MWF 11:00a-11:50a Serpa, B VOC-8

ART-06 Survey of Modern Art

3.0 units: 54.0 hours lec.

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

Advised 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

52006 Serpa, B Online

Comments: Section 52006 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: benjamin.serpa@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.

ART-12A Sculpture: 3-D Foundations

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

51006 MW 01:00p-01:50p Warner-Davies, M ART-4

MW 02:00p-03:15p Warner-Davies, M ART-4

Comments: ART-12 classes require a \$30 material fee.

ART-12B Intermediate Sculpture

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* 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.

Merced Campus

51007 MW 01:00p-01:50p Warner-Davies, M ART-4

MW 02:00p-03:15p Warner-Davies, M ART-4

Comments: ART-12 classes require a \$30 material fee.

ART-15 Design: 2-D Foundations

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

52007 Warner-Davies, M Online

Comments: Section 52007 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.warner-davies@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.

Merced Campus

51008 MW 10:30a-11:20a Macaraeg, E ART-4

MW 11:30a-12:45p Macaraeg, E ART-4

ART-17A Introduction to Ceramics

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85A is advised.

This course is an introduction to ceramic materials, concepts, and processes including basic design elements and principles, creative development, hand-building, throwing, glaze techniques, firing and ceramic terminology. The course covers aesthetics and creative development of clay objects examining historical, contemporary and personal modes of expression across multiple cultures.

Merced Campus

51009 TTh 01:00p-01:50p Hanna, K ART-5

TTh 02:00p-03:15p Hanna, K ART-5

Comments: ART-17 classes require a materials fee of \$10.

Additionally, students will need to purchase an estimated min. (2) bags of clay at a cost of \$10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of \$10.

56002 W 05:10p-07:00p Eckman, L ART-5

W 07:10p-10:00p Eckman, L ART-5

Comments: ART-17 classes require a materials fee of \$10.

Additionally, students will need to purchase an estimated min. (2) bags of clay at a cost of \$10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of \$10.

ART-17B Intermediate Ceramics

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Previously taken ART-17A and passed with a minimum grade of C or received an equivalent.

Advised Previously taken ENGL-85AC is advised.

This is an intermediate course in ceramic pottery and sculpture design and construction, non-technical glaze composition, and kiln firing. Stress is placed upon the attainment of skill on the potter's wheel and organization of construction problems. Students pursue projects of individual interest.

Merced Campus

51010	TTh	01:00p-01:50p	Hanna, K	ART-5
	TTh	02:00p-03:15p	Hanna, K	ART-5
Comments: ART-17 classes require a materials fee of \$10. Additionally, students will need to purchase an estimated min. (2) bags of clay at a cost of \$10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of \$10.				
56003	W	05:10p-07:00p	Eckman, L	ART-5
	W	07:10p-10:00p	Eckman, L	ART-5
Comments: ART-17 classes require a materials fee of \$10. Additionally, students will need to purchase an estimated min. (2) bags of clay at a cost of \$10/bag. Students provide their own clay tools, available at the bookstore at an estimated cost of \$10.				

ART-23A Introduction to Painting

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

51011	MW	01:00p-01:50p	Serpa, B	ART-6
	MW	02:00p-03:15p	Serpa, B	ART-6

ART-23B Intermediate Painting

3.0 units: 36.0 hours lec, 54.0 hours lab.

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

Advised Previously taken ENGL-85AC 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.

Merced Campus

51012	MW	01:00p-01:50p	Serpa, B	ART-6
	MW	02:00p-03:15p	Serpa, B	ART-6

ART-24A Fundamentals of Drawing

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52008	Isho, D	Online
Comments: Section 52008 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.isho@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.		

52009	Disch, S	Online
Comments: Section 52009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Stephanie.disch@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.		
52080	Macaraeg, E	Online
Comments: Section 52080 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: edwin.macaraeg@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.		
72019	Grubaugh, C	Online
Comments: Section 72019 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: carson.grubaugh@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.		

Merced Campus

51013	MW	10:30a-11:20a	Warner-Davies, M	ART-6
	MW	11:30a-12:45p	Warner-Davies, M	ART-6
51014	TTh	01:00p-01:50p	Isho, D	ART-6
	TTh	02:00p-03:15p	Isho, D	ART-6

ART-24B Intermediate Drawing

3.0 units: 36.0 hours lec, 54.0 hours lab.

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

Advised Previously taken ENGL-85AC 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

52010	Isho, D	Online
Comments: Section 52010 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.isho@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.		
52011	Disch, S	Online
Comments: Section 52011 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Stephanie.disch@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.		
52081	Macaraeg, E	Online
Comments: Section 52081 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: edwin.macaraeg@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.		
72021	Grubaugh, C	Online
Comments: Section 72021 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: carson.grubaugh@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.		

Merced Campus

51015	MW	10:30a-11:20a	Warner-Davies, M	ART-6
	MW	11:30a-12:45p	Warner-Davies, M	ART-6
51016	TTh	01:00p-01:50p	Isho, D	ART-6
	TTh	02:00p-03:15p	Isho, D	ART-6

Art - Digital (ARTD)**ARTD-07 History of Graphic Design**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC is advised.

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

Online

52012	Perlin, A	Online
Comments: Section 52012 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Alana.perlin@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.		

ARTD-40A Introduction to Digital Art

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken 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.

Merced Campus

52701	-	Toel, B	
	Th	02:00p-04:50p	Toel, B IAC-139
Comments: CONTACT: brian.toel@mccd.edu. IN-CLASS SESSIONS: Lab; Thursdays; 2:00p-4:50p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52701 has a web component requiring internet access; additional fees may apply. ARTD-40 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.			
52702	-	Perlin, A	
	T	02:00p-04:50p	Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS SESSIONS: Lab; Tuesdays; 2:00p-4:50p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52702 has a web component requiring internet access; additional fees may apply. ARTD-40 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.			
52704	-	Perlin, A	
	T	05:10p-08:00p	Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS SESSIONS: Lab; Tuesdays; 5:10p-8:00p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52704 has a web component requiring internet access; additional fees may apply. ARTD-40 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.			
52706	-	Toel, B	
	F	10:00a-12:50p	Toel, B IAC-139
Comments: CONTACT: brian.toel@mccd.edu. IN-CLASS SES-			

SIONS: Lab; Fridays; 10:00a-12:50p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52706 has a web component requiring internet access; additional fees may apply. ARTD-40 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.

52709	-	Perlin, A	
	M	10:00a-12:50p	Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS SESSIONS: Lab; Mondays; 10:00a-12:50p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52709 has a web component requiring internet access; additional fees may apply. ARTD-40 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.			

ARTD-40B Intermediate Digital Art

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

52705	-	Perlin, A	
	T	05:10p-08:00p	Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS SESSIONS: Lab; Tuesdays; 5:10p-8:00p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52705 has a web component requiring internet access; additional fees may apply. ARTD-40 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.			
52710	-	Perlin, A	
	M	10:00a-12:50p	Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS SESSIONS: Lab; Mondays; 10:00a-12:50p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52710 has a web component requiring internet access; additional fees may apply. ARTD-40 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.			

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

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

52703	-	Perlin, A	
	T	02:00p-04:50p	Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS SESSIONS: Lab; Tuesdays; 2:00p-4:50p; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 52703 has a web component requiring internet access; addi-			

tional fees may apply. ARTD-41 classes require that students provide their own DSLR or point and shoot digital camera and pay a \$30 material fee.

ARTD-42A Introduction to Motion Graphics

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken AOM-50A and ENGL-85AC 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

52707 - Perlin, A
W 10:00a-12:50p Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS
SESSIONS: Lab; Wednesdays; 10:00a-12:50p; IAC-139.
COMMENTS: (2) Lecture hours per week will be held online.
Section 52707 has a web component requiring internet access; additional fees may apply.

ARTD-42B Intermediate Motion Graphics

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take ARTD-42A; Minimum grade C,P;
Advised Previously taken AOM-50A and ENGL-85AC is advised.

This studio course involves more in-depth innovative concepts in intermediate-level visual effects on a timeline. Students will create characters with pose manipulation, design fluid movement paths within environments, control simulations with scripting, frame movement based on sound, and produce more complex compositions and scene storytelling with particles and deformers while utilizing software such as After Effects, ZBrush, Nuke, ToonBoom and Maya.

Merced Campus

52708 - Perlin, A
W 10:00a-12:50p Perlin, A IAC-139
Comments: CONTACT: alana.perlin@mccd.edu. IN-CLASS
SESSIONS: Lab; Wednesdays; 10:00a-12:50p; IAC-139.
COMMENTS: (2) Lecture hours per week will be held online.
Section 52708 has a web component requiring internet access; additional fees may apply.

Arts - Non-Credit (ARTS)

ARTS-507B Music Therapy for Adults - Intermediate

0.0 units: .

This 54 hour course provides experience in performing concert and symphonic band literature. Public performance and exchange concerts are scheduled in addition to class instruction and rehearsals.

Merced Campus

95605 M 05:30p-08:20p Taylor, K THTR-STG
95612 T 05:30p-08:20p Stocking, S THTR-STG
Comments: This class may have a web component which requires internet access.

ARTS-520 Theatre Production in the Community Older Adults

0.0 units: .

Limitation on enrollment: Enrollment by audition or interview. This class offers the beginning or intermediate adult community member the opportunity to perform theatrical roles and/or learn the basics of technical positions in theatrical rehearsal and public performance.

Merced Campus

95601 -
Comments: Section 95601 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lauren.mccue-bryx@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.

Astronomy (ASTR)

ASTR-01 Principles of Astronomy

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A 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

12301 Davies, R Online
Comments: Section 12301 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: davies.r@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.

12324 Pourtarvirdi, Z Online
Comments: Section 12324 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

Merced Campus

16057 Th 07:00p-09:50p Khurana, P SCI-110

ASTR-01L Introductory Astronomy Lab

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Take ASTR-01
Advised 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

12302 Davies, R Online
Comments: Section 12302 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: davies.r@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.

Athletics (ATHL)

ATHL-01A Intercollegiate Baseball

3.0 units: 180.0 hours lab.

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic athletic advisor's approval. This is a course teaching theory, practice and game performance of competitive baseball. This course may be repeated three times.

Merced Campus

42651 MTWTh 02:00p-04:05p Devine, N ATHL-BBF
F 02:00p-02:50p Devine, N ATHL-BBF

ATHL-01B Intercollegiate Basketball

1.5 units: 90.0 hours lab.

Prerequisite: *Advised* Previously taken KINE-13 is advised.

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic advisor's approval. This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

Merced Campus

49350 MTWTh 02:00p-03:15p Huddleston, A GYM-1

Comments: Section 49350 is held from 01/10/22 to 02/11/22.

49351 MTWThF 12:00p-01:50p Huddleston, A GYM-1

ATHL-01G Intercollegiate Swimming

3.0 units: 180.0 hours lab.

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic advisor's approval. This is a course teaches theory, practice and game performance of the competitive sport. This course may be repeated three times.

Merced Campus

42652 MTWThF 02:00p-03:50p McCall, S ATHL-POOL

42660 MTWThF 12:00p-01:50p Halpin, W ATHL-POOL

ATHL-01I Intercollegiate Track & Field

3.0 units: 180.0 hours lab.

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic advisor's approval. This is a course teaching theory, practice, and game performance of the designated competitive sport. This course may be repeated three times.

Merced Campus

42661 MTWThF 03:00p-04:50p Alston, N ATHL-STAD

ATHL-01K Intercollegiate Softball

3.0 units: 180.0 hours lab.

Prerequisite: *Advised* Previously taken KINE-15 is advised.

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic advisor's approval. This course teaches theory, practice and game performance of the competitive softball. This course may be repeated three times.

Merced Campus

42653 MTWThF 04:00p-05:50p McGhee, S ATHL-SBF

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.

Merced Campus

41408 MWF 02:00p-03:00p Casey, J GYM-5

TTh 02:00p-03:00p Casey, J GYM-4

42668 MTWThF 05:00p-06:00p Alston, N GYM-5

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.

Merced Campus

49352 MWF 12:00p-12:50p Huddleston, A ATHL-TC

Comments: Section 49352 is held from 03/14/22 to 05/20/22.

ATHL-36B Theory and Analysis of Basketball

1.0 units: 18.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC is advised.

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

Merced Campus

49349 TTh 06:00p-06:50p Huddleston, A ATHL-TC

Comments: Section 49349 is held from 03/14/22 to 05/20/22.

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

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 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

32054 Barnard, R Online

Comments: Section 32054 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: randy.barnard@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.

Merced Campus

36071 W 05:30p-08:20p Hasenjaeger, J IT-4A

Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-32**Wheel Alignment & Suspension**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken AUTO-04 and AUTO-63, ENGL-85AC, and MATH-80 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

39406 MTWTh 08:00a-09:30a Weepers, M IT-4B

MTWTh 09:40a-11:10a Weepers, M IT-4B

Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-33 Automotive Brake Systems

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken AUTO-04 and AUTO-63, ENGL-85AC, and MATH-80.

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

39198 MTWTh 08:00a-09:25a Weepers, M IT-4B
 MTWTh 09:35a-11:00a Weepers, M IT-4B
 Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-36

Automotive Manual Transmissions & Drive Trains

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken AUTO-04, ENGL-85AC and MATH-80 is advised.

This course is designed for the student without any prior experience in standard transmissions or drive axles. The class will provide technical information required for understanding and repairing of manual transmissions and drive trains. Laboratory exercise will provide the student with proper repair procedures and use of related tools and equipment. Standard transmissions, transaxles, differentials, drivelines, and related components will be covered.

Merced Campus

39403 MTWTh 01:00p-02:30p Weepers, M IT-4B
 MTWTh 02:40p-04:10p Weepers, M IT-4B
 Comments: SECTION 39403 IS HELD 01/10/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. WEB COMPONENT WHICH WILL REQUIRE YOU TO HAVE INTERNET ACCESS.
 39404 MTWTh 01:00p-02:30p Weepers, M IT-4B
 MTWTh 02:40p-04:10p Weepers, M IT-4B
 Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-41 Automotive Engines

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Take AUTO-04 concurrently with AUTO-41.

Advised Previously taken ENGL-85AC and MATH-80 is advised.

This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

Merced Campus

39186 MTWTh 08:00a-08:50a Gregory, A IT-4A
 MTWTh 09:00a-12:25p Gregory, A IT-4A
 Comments: SECTION 39186 IS HELD 01/10/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
 39400 MTWTh 12:00p-12:50p Gregory, A IT-4A
 MTWTh 01:00p-03:50p Gregory, A IT-4A
 Comments: This class has a web component which requires internet access. Additional fees may apply.
 39499 MTWTh 08:00a-08:50a Gregory, A IT-4A
 MTWTh 09:00a-12:25p Gregory, A IT-4A
 Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-42

Automotive Electrical Systems

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised Previously taken AUTO-04 and ENGL-85AC and MATH-80 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

39056 MTWTh 01:00p-02:30p Gregory, A IT-4A
 MTWTh 02:40p-04:10p Gregory, A IT-4A
 Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-43

Automotive Computerized Engine Controls

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take AUTO-04 and AUTO-63

Advised Previously taken AUTO-42, ENGL-85AC, and MATH-80 is advised.

This course covers the testing and service of automotive fuel systems, including fuel injection systems, electronic engine controls, and emission controls.

Merced Campus

36024 M 05:30p-08:20p Gregory, A IT-4B
 T 05:30p-08:20p Gregory, A IT-4B
 Comments: This class has a web component which requires internet access. Additional fees may apply.
 39405 MTWTh 08:00a-09:25a Gregory, A IT-4A
 MTWTh 09:35a-11:00a Gregory, A IT-4A
 Comments: SECTION 39405 IS HELD 03/14/22 TO 05/12/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
 39500 MTWTh 08:00a-09:25a Gregory, A IT-4A
 MTWTh 09:35a-11:00a Gregory, A IT-4A
 Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-46 Automatic Transmissions

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Advised* Previously taken AUTO-04 and AUTO-63, ENGL-85AC, and MATH-80 is advised.

This course will cover domestic and import automatic transmissions and transaxles. Rebuilding will include diagnosis, inspection, repair, and testing. Theory will cover power flow, apply devices, hydraulics, torque converters, and shift controls.

Merced Campus

39179 MTWTh 12:00p-12:50p Weepers, M IT-4B
 MTWTh 01:00p-04:10p Weepers, M IT-4B
 Comments: SECTION 39179 IS HELD 03/14/22 TO 05/12/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
 39180 MTWTh 12:00p-12:50p Weepers, M IT-4B
 MTWTh 01:00p-04:10p Weepers, M IT-4B

Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-63 Basic Auto Electronics for Technicians

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 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

36070 W 07:00p-09:50p Maxwell, G IT-4B

Th 07:00p-09:50p Maxwell, G IT-4B

Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-66 Automotive Parts and Service Advising

3.0 units: 45.0 hours lec, 27.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 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

36253 T 05:30p-07:45p Woodall, D AG-10

T 07:55p-09:10p Woodall, D AG-10

Comments: This class has a web component which requires internet access. Additional fees may apply.

Biology (BIOL)

BIOL-01 General Biology for Non-Majors

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

12303 Goodfellow, K Online

Comments: Section 12303 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: goodfellow.k@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.

12315 Schneider, B Online

Comments: Section 12315 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brenda.schneider@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.

12316 Macias, M Online

Comments: Section 12316 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: macias.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.

12317 Macias, M Online

Comments: Section 12317 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: macias.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.

12318 Macias, M Online

Comments: Section 12318 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: macias.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.

12319 Reed, E Online

Comments: Section 12319 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.reed@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.

12320 Reed, E Online

Comments: Section 12320 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.reed@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.

72025 Doust, A Online

Comments: Section 72025 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: atousa.doust@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.

72027 Doust, A Online

Comments: Section 72027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: atousa.doust@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.

Merced Campus

10301 MWF 10:00a-10:50a Crombie, K SCI-111

M 11:00a-01:50p Crombie, K SCI-112

10302 MWF 10:00a-10:50a Crombie, K SCI-111

W 11:00a-01:50p Crombie, K SCI-112

10303 MWF 10:00a-10:50a Crombie, K SCI-111

F 11:00a-01:50p Crombie, K SCI-112

10319 TTh 09:30a-10:45a Crombie, K SCI-111

T 11:00a-01:50p Crombie, K SCI-112

10320 TTh 09:30a-10:45a Crombie, K SCI-111

Th 11:00a-01:50p Crombie, K SCI-112

10521 TTh 11:00a-12:15p White, S SCI-111

T 08:00a-10:50a White, S SCI-112

12750 - Estrella, C

W 08:00a-10:50a Estrella, C SCI-112

Comments: CONTACT: estrella.c@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 08:00a-10:50a; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 12750 has a web component requiring internet access; additional fees may apply.

12751 - Estrella, C

W 02:00p-04:50p Estrella, C SCI-112

Comments: CONTACT: estrella.c@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 02:00p-04:50p; SCI-112.

COMMENTS: 3 Lecture hours per week will be held online. Section 12751 has a web component requiring internet access; additional fees may apply.

12752	-	Goodfellow, K	
T	07:00p-09:50p	Goodfellow, K	SCI-112
Comments: CONTACT: goodfellow.k@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 07:00-09:50p; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 12752 has a web component requiring internet access; additional fees may apply.			
12790	-	Modafferi, E	
T	02:00p-04:50p	Modafferi, E	SCI-112
Comments: CONTACT: edward.modafferi@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 02:00p-04:50p; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 12790 has a web component requiring internet access; additional fees may apply.			
12791	-	Modafferi, E	
Th	02:00p-04:50p	Modafferi, E	SCI-112
Comments: CONTACT: edward.modafferi@mccd.edu IN-CLASS SESSIONS: Lab; Thursdays; 02:00p-04:50p; SCI-112. COMMENTS: 3 Lecture hours per week will be held online. Section 12791 has a web component requiring internet access; additional fees may apply.			

BIOL-02

Human Biology

4.0 units: 54.0 hours lec, 54.0 hours lab.

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.

Merced Campus

10304	TTh	12:30p-01:45p	Coburn, C	SCI-111
	T	02:00p-04:50p	Coburn, C	SCI-115
Comments: This class may have a web component which requires internet access.				
10305	TTh	12:30p-01:45p	Coburn, C	SCI-111
	Th	02:00p-04:50p	Coburn, C	SCI-115
Comments: This class may have a web component which requires internet access.				
10306	TTh	12:30p-01:45p	Coburn, C	SCI-111
	F	08:00a-10:50a	Coburn, C	SCI-115
Comments: This class may have a web component which requires internet access.				
12748	-	Doscher, E		
	M	08:00a-10:50a	Doscher, E	SCI-113
Comments: CONTACT: evin.doscher@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 08:00a-10:50a; SCI-113. COMMENTS: 3 Lecture hours per week will be held online. Section 12748 has a web component requiring internet access; additional fees may apply.				
12749	-	White, S		
	F	11:00a-01:50p	White, S	SCI-115
Comments: CONTACT: summer.white@mccd.edu IN-CLASS SESSIONS: Lab; Fridays; 11:00a-01:50p; SCI-115. COMMENTS: 3 Lecture hours per week will be held online. Section 12749 has a web component requiring internet access; additional fees may apply.				
12762	-	Cayetano Simmari, L		
	Th	11:00a-01:50p	Cayetano Simmari, L	SCI-115
Comments: CONTACT: luis.cayetanosimmari@mccd.edu IN-CLASS SESSIONS: Lab; Thursdays; 11:00a-01:50p; SCI-115. COMMENTS: 3 Lecture hours per week will be held online.				

Section 12762 has a web component requiring internet access; additional fees may apply.

12765	-	Touma, C	
	M	11:00a-01:50p	Touma, C
Comments: CONTACT: christiane.pailo@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 11:00a-01:50p; SCI-113. COMMENTS: 3 Lecture hours per week will be held online. Section 12765 has a web component requiring internet access; additional fees may apply.			
12766	-	Touma, C	
	W	11:00a-01:50p	Touma, C
Comments: CONTACT: christiane.pailo@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-113. COMMENTS: 3 Lecture hours per week will be held online. Section 12766 has a web component requiring internet access; additional fees may apply.			
12767	-	Touma, C	
	W	08:00a-10:50a	Touma, C
Comments: CONTACT: christiane.pailo@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-113. COMMENTS: 3 Lecture hours per week will be held online. Section 12767 has a web component requiring internet access; additional fees may apply.			

Los Banos Campus

72717	-	Ward, W	
	W	11:00a-01:50p	Ward, W
Comments: Section 72717 is a hybrid class. 3 hours of lecture a week will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-1:50p; LB-B102. CONTACT: wendy.ward@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.			
72719	-	Ward, W	
	W	05:30p-08:20p	Ward, W
Comments: Section 72719 is a hybrid class. 3 hours of lecture a week will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Wednesdays; 05:30p-08:20p; LB-B102. CONTACT: wendy.ward@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.			

BIOL-04A

Fundamentals of Biology: The Cell and Evolution

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised Previously taken BIOL-01 or BIOL-02 and ENGL-85AC 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.

Merced Campus

12753	-	Macias, M	
	T	02:00p-04:50p	Macias, M
Comments: CONTACT: macias.m@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 02:00p-04:50p; SCI-113. COMMENTS: 3 Lecture hours per week will be held online. Section 12753 has a web component requiring internet access; additional fees			

may apply.
 12754 - Macias, M
 Th 02:00p-04:50p Macias, M SCI-113
 Comments: CONTACT: macias.m@mccd.edu IN-CLASS
 SESSIONS: Lab; Thursdays; 02:00p-04:50p; SCI-113. COM-
 MENTS: 3 Lecture hours per week will be held online. Section
 12754 has a web component requiring internet access; addi-
 tional fees may apply.

BIOL-04B Diversity of Life: Morphology and Physiology

5.0 units: 54.0 hours lec, 108.0 hours lab.

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

This course is the second semester of a two-semester sequence of gen-
 eral 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 ma-
 jors and for pre-medical, pre-veterinarian, pre-dental, pre-optometry, and
 pre-pharmacy majors.

Merced Campus

12768 - Estrella, C
 TTh 08:00a-10:50a Estrella, C SCI-113
 Comments: CONTACT: estrella.c@mccd.edu IN-CLASS
 SESSIONS: Lab; Tuesdays and Thursdays; 08:00a-10:50a;
 SCI-113. COMMENTS: 3 Lecture hours per week will be held
 online. Section 12768 has a web component requiring internet
 access; additional fees may apply.

BIOL-06 Environmental Science

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A 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 ecosys-
 tems, biodiversity, the impact of industrialization and urbanization, energy,
 populations, resources, pollution, pesticides and risk/benefit assessment.

Merced Campus

10538 MWF 09:00a-09:50a Staff, M VOC-140

BIOL-09

Introduction to Genetics

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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 genet-
 ics. Recent research innovations explored include genetic engineering.

Online

12321 Albano, V Online
 Comments: Section 12321 will be offered remotely and has a
 web component requiring internet access; additional fees may
 apply. Contact: valerie.albano@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.

BIOL-16 General Human Anatomy

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken BIOL-01 BIOL-02 or
 BIOL-04A and passed with a minimum grade of C or received an
 equivalent Previously taken ENGL-85AC or ENGL-01A 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, respira-
 tory, digestive, excretory, reproductive, and nervous systems. Special

emphasis is placed on the needs of students majoring in biology, nursing,
 physical education, and medical sciences.

Merced Campus

12746 - Zermeno, J
 TTh 02:00p-04:50p Zermeno, J SCI-116
 Comments: CONTACT: joe.zermeno@mccd.edu IN-CLASS
 SESSIONS: Lab; Tuesdays and Thursdays; 02:00p-04:50p;
 SCI-116. COMMENTS: 2 Lecture hours per week will be held
 online. Section 12746 has a web component requiring internet
 access; additional fees may apply.

12747 - Zermeno, J
 TTh 06:30p-09:20p Zermeno, J SCI-116
 Comments: CONTACT: joe.zermeno@mccd.edu IN-CLASS
 SESSIONS: Lab; Tuesdays and Thursdays; 06:30p-09:20p;
 SCI-116. COMMENTS: 2 Lecture hours per week will be held
 online. Section 12747 has a web component requiring internet
 access; additional fees may apply.

12769 - Albano, V
 TTh 11:00a-01:50p Albano, V SCI-116
 Comments: CONTACT: valerie.albano@mccd.edu IN-CLASS
 SESSIONS: Lab; Tuesdays and Thursdays; 11:00a-01:50p;
 SCI-116. COMMENTS: 2 Lecture hours per week will be held
 online. Section 12769 has a web component requiring internet
 access; additional fees may apply.

12770 - Albano, V
 M 11:00a-01:50p Albano, V SCI-201
 W 11:00a-01:50p Albano, V SCI-116
 Comments: CONTACT: valerie.albano@mccd.edu IN-CLASS
 SESSIONS: Lab; Mondays; 11:00a-01:50p; SCI-201; and
 Wednesdays; 11:00a-01:50p; SCI-116. COMMENTS: 2 Lecture
 hours per week will be held online. Section 12770 has a web
 component requiring internet access; additional fees may apply.

12771 - Albano, V
 W 08:00a-10:50a Albano, V SCI-116
 M 08:00a-10:50a Albano, V SCI-201
 Comments: CONTACT: valerie.albano@mccd.edu IN-CLASS
 SESSIONS: Mondays; 08:00a-10:50a; SCI-201; and Wednes-
 days; 08:00a-10:50a; SCI-116. COMMENTS: 2 Lecture hours
 per week will be held online. Section 12771 has a web compo-
 nent requiring internet access; additional fees may apply.

12772 - Schneider, B
 M 11:00a-01:50p Schneider, B SCI-116
 W 11:00a-01:50p Schneider, B SCI-201
 Comments: CONTACT: brenda.schneider@mccd.edu IN-
 CLASS SESSIONS: Lab; Mondays; 11:00a-01:50p; SCI-116;
 and Wednesdays; 11:00a-01:50p; SCI-201. COMMENTS: 2
 Lecture hours per week will be held online. Section 12772 has
 a web component requiring internet access; additional fees
 may apply.

12792 - Schneider, B
 M 08:00a-10:50a Schneider, B SCI-116
 W 08:00a-10:50a Schneider, B SCI-201
 Comments: CONTACT: brenda.schneider@mccd.edu IN-
 CLASS SESSIONS: Lab; Mondays; 08:00a-10:50a; SCI-116;
 and Wednesdays; 08:00a-10:50a; SCI-201. COMMENTS: 2
 Lecture hours per week will be held online. Section 12772 has
 a web component requiring internet access; additional fees
 may apply.

16053 MW 05:30p-06:20p Staff, M SCI-204
 MW 02:00p-04:50p Staff, M SCI-116
 16054 MW 05:30p-06:20p Staff, M SCI-204
 MW 06:30p-09:20p Staff, M SCI-116

Los Banos Campus

72725 - Ward, W
 TTh 05:30p-08:20p Ward, W LB-B-104
 Comments: Section 72725 is a hybrid class. 3 hours of lecture
 a week will be offered remotely and has a web component

requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 05:30p-08:20p; LB-B104. CONTACT: wendy.ward@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.

72727 - Schroeder, K
MW 11:00a-01:50p Schroeder, K LB-B-104
Comments: Section 72727 is a hybrid class. 2 hours of lecture a week 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-1:50p; LB-B104. CONTACT: katherine.schroeder@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.

72729 - Schroeder, K
MW 02:00p-04:50p Schroeder, K LB-B-104
Comments: Section 72729 is a hybrid class. 2 hours of lecture a week 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-4:50p; LB-B104. CONTACT: katherine.schroeder@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.

BIOL-18 Principles of Physiology

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CHEM-02A and ENGL-85AC or ENGL-01A; Take BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; Take Math-C or MATH-61 or MATH-62. Minimum Grade C,P.

This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

Merced Campus

10307 MWF 11:00a-11:50a Coburn, C SCI-204
M 08:00a-10:50a Coburn, C SCI-115
Comments: This class may have a web component which requires internet access.

10308 MWF 11:00a-11:50a Coburn, C SCI-204
W 08:00a-10:50a Coburn, C SCI-115
Comments: This class may have a web component which requires internet access.

12773 - Touma, C
M 02:00p-04:50p Touma, C SCI-115
Comments: CONTACT: christiane.pailo@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 02:00p-04:50p; SCI-115. COMMENTS: 3 Lecture hours per week will be held online. Section 12773 has a web component requiring internet access; additional fees may apply.

12774 - Touma, C
W 02:00p-04:50p Touma, C SCI-115
Comments: CONTACT: christiane.pailo@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 02:00p-04:50p; SCI-115. COMMENTS: 3 Lecture hours per week will be held online. Section 12774 has a web component requiring internet access; additional fees may apply.

12775 - Doscher, E
F 11:00a-01:50p Doscher, E SCI-113
Comments: CONTACT: evin.doscher@mccd.edu IN-CLASS SESSIONS: Lab; Fridays; 11:00a-01:50p; SCI-113. COMMENTS: 3 Lecture hours per week will be held online. Section 12775 has a web component requiring internet access; additional fees may apply.

12785 - Reed, E
M 11:00a-01:50p Reed, E SCI-115
Comments: CONTACT: emily.reed@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 11:00a-01:50p; SCI-115. COMMENTS: 3 Lecture hours per week will be held online. Section 12785 has a web component requiring internet access; additional fees may apply.

12786 - Reed, E
T 08:00a-10:50a Reed, E SCI-115
Comments: CONTACT: emily.reed@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 08:00a-10:50a; SCI-115. COMMENTS: 3 Lecture hours per week will be held online. Section 12786 has a web component requiring internet access; additional fees may apply.

12787 - Reed, E
W 11:00a-01:50p Reed, E SCI-115
Comments: CONTACT: emily.reed@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-115. COMMENTS: 3 Lecture hours per week will be held online. Section 12787 has a web component requiring internet access; additional fees may apply.

12789 - Reed, E
Th 08:00a-10:50a Reed, E SCI-115
Comments: CONTACT: emily.reed@mccd.edu IN-CLASS SESSIONS: Lab; Thursdays; 08:00a-10:50a; SCI-115. COMMENTS: 3 Lecture hours per week will be held online. Section 12789 has a web component requiring internet access; additional fees may apply.

Los Banos Campus

72731 - Schroeder, K
Th 02:00p-04:50p Schroeder, K LB-B-102
Comments: Section 72731 is a hybrid class. 3 hours of lecture a week will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Thursdays; 02:00p-4:50p; LB-B102. CONTACT: katherine.schroeder@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.

BIOL-20 Microbiology

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* 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-85AC 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

12755 - Vierra, S
TTh 02:00p-04:50p Vierra, S SCI-114
Comments: CONTACT: vierra.s@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 02:00p-04:50p; SCI-114. COMMENTS: 2 Lecture hours per week will be held online. Section 12755 has a web component requiring internet access; additional fees may apply.

12756 - Vierra, S
MW 05:30p-08:20p Vierra, S SCI-114
Comments: CONTACT: vierra.s@mccd.edu IN-CLASS

SESSIONS: Lab; Mondays and Wednesdays; 05:30p-08:20p; SCI-114. COMMENTS: 2 Lecture hours per week will be held online. Section 12756 has a web component requiring internet access; additional fees may apply.

12757 - Igo, M

MW 08:00a-10:50a Igo, M SCI-114
Comments: CONTACT: megan.igo@mccd.edu IN-CLASS
SESSIONS: Lab; Mondays and Wednesdays; 08:00a-10:50a; SCI-114. COMMENTS: 2 Lecture hours per week will be held online. Section 12757 has a web component requiring internet access; additional fees may apply.

12758 - Igo, M

MW 11:00a-01:50p Igo, M SCI-114
Comments: CONTACT: megan.igo@mccd.edu IN-CLASS
SESSIONS: Lab; Mondays and Wednesdays; 11:00a-01:50p; SCI-114. COMMENTS: 2 Lecture hours per week will be held online. Section 12758 has a web component requiring internet access; additional fees may apply.

12759 - Igo, M

MW 02:00p-04:50p Igo, M SCI-114
Comments: CONTACT: megan.igo@mccd.edu IN-CLASS
SESSIONS: Lab; Mondays and Wednesdays; 02:00p-04:50p; SCI-114. COMMENTS: 2 Lecture hours per week will be held online. Section 12759 has a web component requiring internet access; additional fees may apply.

12793 - Modafferi, E

TTh 08:00a-10:50a Modafferi, E SCI-114
Comments: CONTACT: edward.modafferi@mccd.edu
IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 08:00a-10:50a; SCI-114. COMMENTS: 2 Lecture hours per week will be held online. Section 12793 has a web component requiring internet access; additional fees may apply.

Los Banos Campus

72733 - Ward, W

TTh 11:00a-01:50p Ward, W LB-B-104
Comments: Section 72733 is a hybrid class. 2 hours of lecture a week 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; LB-B104. CONTACT: wendy.ward@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.

BIOL-50 Survey of Anatomy & Physiology

3.0 units: 54.0 hours lec.

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

12322 Albano, V Online

Comments: Section 12322 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: valerie.albano@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.

Business (BUS)

BUS-10

Introduction to Business

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken AOM-30 and 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

92307 Haugen, A Online

Comments: Section 92307 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: haugen.a@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. COMMENTS: Students must log into the course or contact the instructor within the first four days of semester to avoid being dropped. View the syllabus available in Canvas.

Merced Campus

91118 MW 09:30a-10:45a Casey, R VOC-37

Comments: Section 91118 has a web component which requires internet access.

91317 TTh 09:30a-10:45a Haugen, A VOC-37

Comments: Section 91317 has a web component which requires internet access.

91566 TTh 11:00a-12:15p Haugen, A VOC-37

Comments: Section 91566 has a web component which requires internet access.

96226 M 05:30p-08:20p Skunca, J VOC-141

Comments: Section 96226 has a web component which requires internet access.

BUS-18A Business Law

4.0 units: 72.0 hours lec.

Prerequisite: *Advised* 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

92210 Matis Foss, A Online

Comments: Section 92210 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: amanda.matisfoss@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.

Merced Campus

91114 TTh 12:00p-01:50p Patterson, E VOC-141

Comments: Section 91114 has a web component which requires internet access.

96103 M 05:30p-09:20p Thompson, S VOC-37

Comments: Section 96103 has a web component which requires internet access.

Los Banos Campus

74099 MW 05:30p-07:20p Singh, R LB-B-135

BUS-35 Money Management

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

72043 Snipes, R Online
 Comments: Section 72043 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: snipes.r@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.

Merced Campus

92961 - Haugen, A
 W 05:30p-07:20p Haugen, A VOC-37
 Comments: CONTACT: haugen.a@mccd.edu MANDATORY IN-CLASS SESSIONS: Wednesdays; January 12, 19, 26, 2022; 05:30p-07:20p; VOC-37. COMMENTS: Remaining lecture hours to be held online. Section 92961 has a web component which requires internet access. Connect access code required approximately \$125.

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.

Merced Off-Campus

95908 MTWTh 08:00a-04:00p Carroll, C BRC-216
 Comments: This class may have a web component which requires internet access.

BUSN-752**Introduction to Microcomputers**

0.0 units: .

This course will introduce students to microcomputers and the Windows software environment. Students will learn to identify the components of desktop screens, learn to execute basic computer commands. The class may also cover internet browsing, email, website navigation, and downloading files. This course is 24 to 288 hours in duration.

Online

95920 F 09:00a-11:00a Murillo Meraz, O CLS-CLS
 Comments: Section 95920 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

95921 F 09:00a-11:00a Murillo Meraz, O CLS-CLS
 Comments: Section 95921 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

BUSN-756**Intro to Technical Office Occupations**

0.0 units: .

This entry-level course is designed for the adult student who desires vocational training in the field of Technical Office Occupations. This course will introduce students to microcomputers and the Windows software environment. Students will learn to identify the components of desktop screens and learn to execute basic computer commands. The class will

also cover internet browsing, email, website navigation, and downloading files. The course is project-based to develop student entry-level skill proficiency in using Microsoft Office Word, Power Point and Excel. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 450 hours in duration and is open entry format.

Merced Off-Campus

95910 MTWTh 08:00a-04:00p Carroll, C BRC-206
 MTWTh 08:00a-04:00p BRC-207
 Comments: This class may have a web component which requires internet access.

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

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

Online

12304 Tenn, B Online
 Comments: Section 12304 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brandon.tenn@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.

12305 Tenn, B Online
 Comments: Section 12305 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brandon.tenn@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.

12306 Tenn, B Online
 Comments: Section 12306 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brandon.tenn@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.

12307 Tenn, B Online
 Comments: Section 12307 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brandon.tenn@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.

12308 Djamali, E Online
 Comments: Section 12308 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: essmaili.djamali@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.

12309 Djamali, E Online
 Comments: Section 12309 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: essmaili.djamali@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.

- 72045 Khurana, S Online
Comments: Section 72045 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.
- 72047 Khurana, S Online
Comments: Section 72047 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.

Merced Campus

- 10310 MWF 09:00a-09:50a Wood, B SCI-110
W 11:00a-01:50p Wood, B SCI-109
Comments: This class may have a web component which requires internet access.
- 10311 MWF 09:00a-09:50a Wood, B SCI-110
F 11:00a-01:50p Wood, B SCI-109
Comments: This class may have a web component which requires internet access.
- 10312 MWF 10:00a-10:50a Wood, B SCI-110
M 11:00a-01:50p Wood, B SCI-109
Comments: This class may have a web component which requires internet access.
- 10313 MWF 10:00a-10:50a Wood, B SCI-110
T 08:00a-10:50a Wood, B SCI-109
Comments: This class may have a web component which requires internet access.
- 10314 TTh 11:00a-12:15p Wood, B SCI-205
Th 08:00a-10:50a Wood, B SCI-109
Comments: This class may have a web component which requires internet access.
- 12760 - Dawson, D
T 02:00p-04:50p Dawson, D SCI-109
Comments: CONTACT: denisha.dawson@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 02:00p-04:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12760 has a web component requiring internet access; additional fees may apply.
- 12761 - Dawson, D
T 11:00a-01:50p Dawson, D SCI-109
Comments: CONTACT: denisha.dawson@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 11:00a-01:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12761 has a web component requiring internet access; additional fees may apply.
- 16051 TTh 05:30p-06:45p Giagou, T SCI-110
T 07:00p-09:50p Giagou, T SCI-109
Comments: This class may have a web component which requires internet access.
- 16052 TTh 05:30p-06:45p Giagou, T SCI-110
Th 07:00p-09:50p Giagou, T SCI-109
Comments: This class may have a web component which requires internet access.
- 16060 MW 05:30p-06:45p Le, T SCI-110
M 07:00p-09:50p Le, T SCI-109
Comments: This class may have a web component which requires internet access.
- 16061 MW 05:30p-06:45p Le, T SCI-110
W 07:00p-09:50p Le, T SCI-109
Comments: This class may have a web component which requires internet access.

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

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised Previously taken ENGL-85AC 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

- 12310 Weathers, A Online
Comments: Section 12310 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.
- 12311 Weathers, A Online
Comments: Section 12311 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.

CHEM-04A General Chemistry I

5.0 units: 54.0 hours lec, 108.0 hours lab.

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

Advised Previously taken ENGL-85AC 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

- 12312 Weathers, A Online
Comments: Section 12312 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.
- 12313 Weathers, A Online
Comments: Section 12313 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.
- 72049 Khurana, S Online
Comments: Section 72049 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.

Merced Campus

10321	TTh	12:30p-01:45p	Ventura, D	SCI-107
	TTh	02:00p-04:50p	Ventura, D	SCI-107
Comments: This class may have a web component which requires internet access.				
12795	-		Issavi, H	
	TTh	07:00p-09:50p	Issavi, H	SCI-107
Comments: CONTACT: halin.issavi@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 07:00p-09:50p; SCI-107. COMMENTS: 3 Lecture hours per week will be held online. Section 12795 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: *Required* Take CHEM-04A. Minimum grade C,P.

Advised Previously taken ENGL-01A 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.

Merced Campus

12796	-		Dawson, D	
	MW	11:00a-01:50p	Dawson, D	SCI-107
Comments: CONTACT: denisha.dawson@mccd.edu IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 11:00a-01:50p; SCI-107. COMMENTS: 3 Lecture hours per week will be held online. Section 12796 has a web component requiring internet access; additional fees may apply.				
12797	-		Dawson, D	
	MW	02:00p-04:50p	Dawson, D	SCI-107
Comments: CONTACT: denisha.dawson@mccd.edu IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 02:00p-04:50p; SCI-107. COMMENTS: 3 Lecture hours per week will be held online. Section 12797 has a web component requiring internet access; additional fees may apply.				

Los Banos Campus

72737	-		Khurana, S	
	TTh	11:00a-01:50p	Khurana, S	LB-B-105
Comments: CONTACT: saheba.khurana@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00p-01:50p; LB-B105. COMMENTS: 3 Lecture hours per week will be held online and has a web component requiring internet access; additional fees may apply.				

CHEM-12A Organic Chemistry I

5.0 units: 54.0 hours lec, 108.0 hours lab.

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

Advised 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. Corresponding mechanisms and energy diagrams are included in the study. Nuclear magnetic resonance, infrared, ultra-violet and mass spectroscopy are introduced as structural elucidation techniques. The laboratory includes the study of organic laboratory techniques including the synthesis of organic compounds, separation, characterization, identification, purification, and the use of related instrumentation. This course is directed toward students in science and pre-professional preparation.

Merced Campus

10317	TTh	09:30a-10:45a	Fregene, P	SCI-202
	TTh	11:00a-01:50p	Fregene, P	SCI-104
Comments: This class may have a web component which requires internet access.				

CHEM-12B

Organic Chemistry II

5.0 units: 54.0 hours lec, 108.0 hours lab.

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

Advised Previously taken ENGL-85AC 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

10318	MW	02:00p-03:15p	Fregene, P	SCI-205
	MW	11:00a-01:50p	Fregene, P	SCI-104
Comments: This class may have a web component which requires internet access.				

Child Development (CLDV)

CLDV-01 Child Growth and Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

Examines the major physical, cognitive, social and emotional developmental milestones for children, typical and atypical, from conception through adolescence. Emphasis on interactions between maturational processes and environmental factors. Students will observe children, evaluate individual differences and analyze characteristics of development at various stages according to developmental theories.

Online

42260	Brace, K	Online
Comments: Section 42260 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.		
42261	McCarrick, S	Online
Comments: Section 42261 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.		
42281	Brace, K	Online
Comments: Section 42281 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.		

Merced Campus

41600	TTh	09:30a-10:45a	Patton, M	VOC-139
Comments: Section 41600 may have a web component which requires internet access.				

CLDV-02 Child, Family and Community

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

An examination of the developing child in a societal context which

focuses on the interrelationships of family, school, and community while emphasizing cultural, historical and socio-cultural contexts.

Online

- 42262 McCarrick, S Online
Comments: Section 42262 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.
- 42282 McCarrick, S Online
Comments: Section 42282 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.
- 42288 Hardy, L Online
Comments: Section 46601 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.hardy@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.

Merced Campus

- 41607 TTh 11:00a-12:15p Patton, M VOC-139
Comments: Section 41607 may have a web component which requires internet access.

Los Banos Campus

- 78119 T 05:30p-08:20p Rocha, J LB-B-136
Comments: Section 78119 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: *Required* Take CLDV-01

Historical contexts and theoretical perspectives of developmentally and culturally appropriate practice in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally and culturally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development.

Online

- 42263 Patton, M Online
Comments: Section 42263 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.
- 42283 Patton, M Online
Comments: Section 42283 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

CLDV-04

Observation and Assessment

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CLDV-01; Minimum grade C,P;

Required Take CLDV-03

Advised Previously taken ENGL-01A is advised.

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. Prepares Early Childhood Educators to incorporate observation, documentation and assessment into their daily classroom practices. How to use findings to inform classroom environments, interactions and curriculum will be emphasized. Various assessment tools and techniques to be used with typical and atypically developing children will be covered. The importance of collaborating with families and community professionals will be addressed.

Online

- 42271 Cruthird, A Online
Comments: Section 42271 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrea.cruthird@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 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.
- 42289 Mininger, V Online
Comments: Section 49616 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vanessa.mininger@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 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.

CLDV-05 Health, Safety and Nutrition

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

Laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management.

Online

- 42268 Patton, M Online
Comments: Section 42268 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.
- 42284 Brace, K Online
Comments: Section 42284 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.

CLDV-06 Teaching in A Diverse Society

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course examines societal and personal attitudes, beliefs, values, as-

sumptions 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

42264 McCarrick, S Online
Comments: Section 42264 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.

42285 McCarrick, S Online
Comments: Section 42285 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.

Los Banos Campus

78127 W 05:30p-08:20p Rocha, J LB-B-134
Comments: Section 78127 has a web component requiring internet access; additional fees may apply.

CLDV-07 Introduction to Curriculum for the Young Child

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take CLDV-03

Advised Previously taken ENGL-01A is advised.

Developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings.

Online

42272 Mininger, V Online
Comments: Section 42272 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vanessa.mininger@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.

42286 Brace, K Online
Comments: Section 42286 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.

Los Banos Campus

78129 Th 05:30p-08:20p Rocha, J LB-B-136
Comments: Section 78129 has a web component requiring internet access; additional fees may apply.

CLDV-07LP practicum

3.0 units: 18.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* 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. Demonstration of 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. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities.

Online

42274 Heft, A Online
Comments: Section 42274 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.heft@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 enrolled in CLDV 07L will participate in 6 hours of virtual lab online each week to equal a total of 6 hours per week of lab experience.

Merced Campus

46604 - Heft, A
Comments: Section 46604 will be offered from 5:30p-8:20p on the following days, 1/12, 2/9, 3/9, 4/6, 5/11; additional fees may apply. Contact: april.heft@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 enrolled in CLDV 07L will participate in 6 hours of lab each week to equal a total of 6 hours per week of lab experience days/time TBA. Students are required to show proof of negative TB test and state mandated immunizations.

CLDV-09 Human Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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

42265 Bluett-Murphy, V Online
Comments: Section 42265 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

42275 Patton, M Online
Comments: Section 42275 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

42276 Clifford, J Online
Comments: Section 42276 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford,j@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.

42277 Huddleston, A Online
Comments: Section 42277 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: allen.huddleston@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.

49615 Clifford, J Online
Comments: Section 49615 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.

49617 Bluett-Murphy, V Online
Comments: Section 49617 will be held from 1/10/22-3/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

49618 Bluett-Murphy, V Online
Comments: Section 49618 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

Merced Campus

41622 MWF 09:00a-09:50a Mininger, V VOC-139
Comments: Section 41622 may have a web component which requires internet access.

46605 W 05:30p-08:20p Cruthird, A VOC-139
Comments: Section 46605 may have a web component which requires internet access.

Los Banos Campus

74133 F 09:00a-11:50a Staff, M LB-B-107
Comments: Section 74133 has a web component requiring internet access; additional fees may apply

CLDV-11 Introduction to Curriculum and Strategies in Early Intervention

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CLDV-01; Minimum grade C,P;

Limitation on Enrollment: According to SB746, students must provide immunization documentation as required by California State law to work or volunteer in a child care facility. Examines curriculum and early intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence.

Online

42279 Brace, K Online
Comments: Section 42279 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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 enrolled in CLDV-11 will participate in 3 hours of virtual lab online each week to equal a total of 3 hours per week of lab experience.

CLDV-24 Work Experience in Child Development

1.0 units: .

Prerequisite: *Advised* Previously taken 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.

ence 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

43600 - 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/academics/english-liberalstudies/coop-ed-work40-class.html. 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.

43601 - 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/academics/english-liberalstudies/coop-ed-work40-class.html. 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.

43602 - 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/academics/english-liberalstudies/coop-ed-work40-class.html. 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 Child Development and requires completion of 180 volunteer or 225 paid hours.

43603 - 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/academics/english-liberalstudies/coop-ed-work40-class.html. 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.

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

2.0 units: 36.0 hours lec.

Prerequisite: *Required* Previously taken CLDV-01 and passed with a minimum grade of C or received an equivalent.

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. Course supports advancement on the Child Development Permit Matrix.

Online

42280 Cruthird, A Online
Comments: Section 42280 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrea.cruthird@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.

CLDV-56 School-Age Development

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken CLDV-01 and passed with a minimum grade of C or received an equivalent

This introductory course on school-age development covers an overview of school-age care; the school-age professional; school-age theory and development ages 5-13; current issues facing school-age children; guidance of school-age children; regulations and program quality; and developing partnerships with communities and families. Students will participate in observations of school-age children and programs.

Online

49619

Hardy, L

Online

Comments: Section 49619 is held from 01/10/22-03/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.hardy@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.

CLDV-56L School-Age Development Practicum

3.0 units: 18.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Take CLDV-56

Limitation on Enrollment: As per California law SB792, all volunteers and staff who work in early care development facilities must provide documented verification of mandatory immunizations and proof of a negative TB test. All documentation must be verified prior to working directly with young children ages 0-5yrs. School-age programs will be studied for purposes of planning experiences, which encourage physical, cognitive, social and emotional growth. The laboratory will consist of supervised work in a selected school-age care program and is designed to offer students continued and increased opportunities in working with children ages 5-12 years old. This course is required for the School-Age Certificate.

Online

49620

Hardy, L

Online

Comments: Section 49620 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.hardy@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 enrolled in CLDV-56L will participate in 6 hours of virtual lab online each week to equal a total of 6 hours per week of lab experience.

CLDV-65B Ca Preschool Foundations and Frameworks: Math

1.0 units: 18.0 hours lec.

Introduction to the mathematics domain of the California Preschool Learning Foundations and Frameworks including the strands of number sense, algebra and functions, measurement, geometry, and mathematical reasoning. Provides strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49621

Soria, L

Online

Comments: Section 49621 is held from 1/10/22-2/18/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

CLDV-65C Ca Preschool Foundations and Frameworks: Science

1.0 units: 18.0 hours lec.

Introduces the science domain of the California Preschool Learning Foundations and Frameworks including the strands of scientific inquiry, physical, life, and earth sciences and provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49622

Soria, L

Online

Comments: Section 49622 is held from 2/21/22-4/1/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

CLDV-65D Ca Preschool Foundations & Frameworks: History and Social Science

1.0 units: 18.0 hours lec.

Introduction to the history and social science domain of the California Preschool Learning Foundations and Frameworks including strands of self and society, civics, history, geography, ecology, and economics. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49623

Soria, L

Online

Comments: Section 49623 is held from 4/4/22-5/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

Communication Studies(COMM)**COMM-01 Fundamentals of Speech**

3.0 units: 54.0 hours lec.

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

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

22010

Ward, M

Online

Comments: Section 22010 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Matthew.ward@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

22308 Amarillas, M Online
Comments: Section 22308 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.amarillas@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.

22309 Ramsey, R Online
Comments: Section 22309 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: reed.ramsey@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.

22800 Bonstein, J Online
Comments: Section 22800 is held from 01/10/22 to 02/18/22. Section 22800 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bonstein.j@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.

22801 Bonstein, J Online
Comments: Section 22801 is held from 01/10/22 to 02/18/22. Section 22801 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bonstein.j@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.

72059 Cheek, G Online
Comments: Section 72059 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: griffin.cheek@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.

72061 Cavallero, D Online
Comments: Section 72061 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daniel.cavallero@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.

72063 Cavallero, D Online
Comments: Section 72063 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daniel.cavallero@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.

Merced Campus

21300 TTh 09:30a-10:45a Bonstein, J IAC-106
Comments: This class may have a web component which requires internet access.

21301 MWF 10:00a-10:50a Bonstein, J VOC-110
Comments: This class may have a web component which requires internet access.

21302 TTh 12:30p-01:45p Young, J IAC-106
Comments: This class may have a web component which requires internet access.

21305 MWF 08:00a-08:50a IAC-109
Comments: This class may have a web component which requires internet access.

21307 TTh 02:00p-03:15p Young, J IAC-127
Comments: This class may have a web component which requires internet access.

26151 W 05:30p-08:20p IAC-109
Comments: This class may have a web component which requires internet access.

Los Banos Campus

74145 MW 02:00p-03:15p Cheek, G LB-B-101
Comments: Section 74145 has a web component requiring internet access; additional fees may apply.

78145 T 05:30p-08:20p Cheek, G LB-B-111
Comments: Section 78145 has a web component requiring internet access; additional fees may apply.

COMM-02 Oral Interpretation

3.0 units: 54.0 hours lec.

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

This course is designed to introduce students to performance studies through analysis, appreciation, and application of interpretive performance of the various forms of literature: poetry, prose and drama.

Merced Campus

21246 MWF 11:00a-11:50a Bonstein, J VOC-110
Comments: This class may have a web component which requires internet access.

COMM-04 Small Group Discussion & Problem Solving

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken ENGL-85AC and passed with a C or received an equivalent.

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

22253 Ramsey, R Online
Comments: Section 22253 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: reed.ramsey@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

22312 Ramsey, R Online
Comments: Section 22312 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: reed.ramsey@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

Merced Campus

21311 Th 08:00a-09:15a Ward, M IAC-109
Comments: This class may have a web component which requires internet access. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

21313 MW 02:00p-03:15p Young, J IAC-122
Comments: This class may have a web component which requires internet access.

21314 TTh 12:30p-01:45p Bonstein, J AHC-128
Comments: This class may have a web component which requires internet access.

21315 MWF 11:00a-11:50a STAFF VOC-111

- Comments: This class may have a web component which requires internet access.
- 21316 Th 09:30a-10:45a Ward, M IAC-146
Comments: This class may have a web component which requires internet access. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.
- 21317 MW 03:30p-04:45p Young, J IAC-122
Comments: This class may have a web component which requires internet access.

Los Banos Campus

- 74151 TTh 02:00p-03:15p Cheek, G LB-B-111
Comments: Section 74151 has a web component requiring internet access; additional fees may apply.

COMM-05 Interpersonal Communication

3.0 units: 54.0 hours lec.

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

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

- 22210 Ward, M Online
Comments: Section 22210 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.ward@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.
- 22211 Ward, M Online
Comments: Section 22211 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.ward@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.
- 22318 Amarillas, M Online
Comments: Section 22318 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxx.xx@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.
- 22325 Online
Comments: Section 22325 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxx.xx@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.
- 72065 Cheek, G Online
Comments: Section 72069 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: griffin.cheek@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.

Merced Campus

- 21319 TTh 03:30p-04:45p Young, J IAC-127
Comments: This class may have a web component which requires internet access.
- 21323 MWF 09:00a-09:50a Amarillas, M IAC-109
Comments: This class may have a web component which requires internet access.

- 21324 MWF 01:00p-01:50p Staff, M IAC-109
Comments: This class may have a web component which requires internet access.
- 22320 T 11:00a-12:15p Hobbs, L IAC-106
Comments: CONTACT: hobbs.l@mccd.edu IN-CLASS SESSIONS: Tuesdays; 11:00a-12:15p; IAC-120. COMMENTS: 1.5 Lecture hours will be held online. Section 22320 has a web component requiring internet access; additional fees may apply.
- 22322 T 12:30p-01:45p Hobbs, L IAC-109
Comments: CONTACT: hobbs.l@mccd.edu IN-CLASS SESSIONS: Tuesdays; 12:30p-01:45p; IAC-120. COMMENTS: 1.5 Lecture hours will be held online. Section 22322 has a web component requiring internet access; additional fees may apply.
- 26154 Th 05:30p-08:20p Ward, M IAC-109
Comments: This class may have a web component which requires internet access.

COMM-30 Introduction to Intercultural Communication

3.0 units: 54.0 hours lec.

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

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.

Merced Campus

- 21221 MWF 10:00a-10:50a Hobbs, L VOC-111
Comments: This class may have a web component which requires internet access.

Computer Science (CPSC)

CPSC-01 Introduction to Computer Information Systems

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 12101 Cornec, R Online
Comments: Section 12101 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: ronan.cornec@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.
- 12102 Cornec, R Online
Comments: Section 12102 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: ronan.cornec@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.

- 12103 Cantrell, B Online
Comments: Section 12103 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bryan.cantrell@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.
- 12105 Cantrell, B Online
Comments: Section 12105 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bryan.cantrell@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.

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

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 12110 Staff, M Online
Comments: Section 12110 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

CPSC-06 Programming Concepts and Methodology I

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MATH-C or MATH-61; Minimum grade C,P;

Advised Previously taken CPSC-01 and ENGL-85AC 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

- 12111 Stoykov, A Online
Comments: Section 12111 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alexandre.stoykov@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.
- 12112 Kanemoto, K Online
Comments: Section 12112 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kanemoto.k@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.
- 12113 Stoykov, A Online
Comments: Section 12113 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alexandre.stoykov@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.

CPSC-18 Drone Technology II

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CPSC-06 or ENGR-14 or CPSC-14; Minimum grade C,P;

Advised Previously taken CPSC-17 is advised.

This class covers drone technology data acquisition and analysis. Several different sensors and data analysis applications will be utilized.

Merced Campus

- 12702 M 05:30p-07:20p Kanemoto, K CLS-CLS
W 05:30p-08:20p Kanemoto, K VOC-113
Comments: Section 12702 Lecture will be held online in Canvas/Zoom during the scheduled times and days (synchronous) plus 3 additional Lab hours per week will be held on Wednesdays; 05:30p-08:20p; VOC-113. This course requires internet access and a webcam is recommended-please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: kanemoto.k@mccd.edu for course-specific questions.

CPSC-39 Programming Concepts and Methodology II

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised 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

- 12115 Kanemoto, K Online
Comments: Section 12115 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kanemoto.k@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.

CPSC-42 Computer Architecture and Organization

3.0 units: 36.0 hours lec, 54.0 hours lab.

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

Advised Previously taken ENGL-85AC 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.

Merced Campus

- 12710 - Kanemoto, K
W 02:00p-04:50p Kanemoto, K VOC-113
Comments: CONTACT: kanemoto.k@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 02:00p-04:50p; VOC-113. COMMENTS: 2 Lecture hours per week will be held online. Section 12710 has a web component requiring internet access; additional fees may apply.

Computer Tech and Info Systems(CTIS)

CTIS-03 Information and Communication Technology Essentials

4.0 units: 36.0 hours lec, 108.0 hours lab.

This course provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The fundamentals of computer hardware and software

as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for the CompTIA A+ certification exams.

Online

12118 Kanemoto, K Online
Comments: Section 12118 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kanemoto.k@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.

CTIS-04 Programming With Python

3.0 units: 36.0 hours lec, 54.0 hours lab.

An introduction to the fundamental concepts and basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience. Python is a dynamic, object oriented language, is perfect for beginner and also meets industry needs.

Online

12120 Celly, B Online
Comments: Section 12120 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

CTIS-17 Systems and Network Administration

3.0 units: 27.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken CTIS-15 or CTIS-16 and passed with a grade of C or received an equivalent.

This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students will learn how to configure routers and switches for advanced functionality. At the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement a WLAN in a small-to-medium network. This course is 3 of 4 in the Google IT Support Specialist Certificate, course 3 or 4 in the CCNA certificate, and gets a student ready for the CompTIA Server+ Certification.

Online

12121	T	08:00a-09:15a	Celly, B	VOC-42
	T	09:30a-11:30a	Celly, B	VOC-42
			Celly, B	Online

Comments: Section 12121 will be held either on campus or in Canvas/Zoom during the scheduled times and days (synchronous). Additionally, 4 Lab hours per week will be held online. This course requires internet access and a webcam is recommended-please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bhrigu.celly@mccd.edu for course-specific questions.

CTIS-20 Introduction to Information Systems Security

3.0 units: 27.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken CTIS-15 and passed with a minimum grade of C or received an equivalent.

An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams. This course is 4 of 4 in the Google IT Support Professional

Certificate and course 4 or 4 in the CCNA certificate,

Online

12810 Celly, B Online
Comments: Section 12810 is held from 02/21/22 to 04/01/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

CTIS-22 Digital Forensics Fundamentals

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken CTIS-20 and passed with a C or received an equivalent.

This course is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered include an overview of computer forensics as a profession; the computer investigation process; understanding operating systems boot processes and disk structures; data acquisition and analysis; technical writing; and a review of familiar computer forensics tools.

Online

12811 Celly, B Online
Comments: Section 12811 is held from 04/04/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

Criminal Justice (CRIM)

CRIM-01 Criminology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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

42278 Johnson, M Online
Comments: Section 42278 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.johnson702@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.

72077 Hilliard, D Online
Comments: Section 72077 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devon.hilliard@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.

Merced Campus

41660 TTh 12:30p-01:45p Johnson, M PSC-1
Comments: Section 41660 may have a web component which requires internet access.

41661 TTh 03:30p-04:45p Noblett, D PSC-1
Comments: Section 41661 may have a web component which requires internet access.

Los Banos Campus

74161 T 05:30p-08:20p Singh, R LB-B-134

CRIM-02 Introduction to Criminal Justice

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

41662 MWF 12:00p-12:50p Castleton, J PSC-1
Comments: Section 41662 may have a web component which requires internet access.

46609 M 05:30p-08:20p Lozano, A PSC-2
Comments: Section 46609 may have a web component which requires internet access.

Online

42290 Johnson, M Online
Comments: Section 42290 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.johnson702@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.

CRIM-03 Criminal Procedures

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken CRIM-02 and passed with a minimum grade of C -- AND -- Previously taken 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

42269 Johnson, M Online
Comments: Section 42269 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.johnson702@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.

Merced Campus

41664 MWF 08:00a-08:50a Castleton, J PSC-1
Comments: Section 41664 may have a web component which requires internet access.

CRIM-04 Criminal Law

3.0 units: 54.0 hours lec.

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

Advised Previously taken 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.

Merced Campus

41666 TTh 02:00p-03:15p Noblett, D PSC-1
Comments: Section 41666 may have a web component which requires internet access.

46607 M 05:30p-08:20p Soto, B PSC-1
Comments: Section 46607 may have a web component which requires internet access.

CRIM-05 Community and Human Relations

3.0 units: 54.0 hours lec.

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

Advised Previously taken 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.

Merced Campus

41668 MWF 08:00a-08:50a Trinidad, T PSC-2
Comments: Section 41668 may have a web component which requires internet access.

CRIM-06 Introduction to Evidence

3.0 units: 54.0 hours lec.

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

Advised Previously taken 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

42270 Johnson, M Online
Comments: Section 42270 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.johnson702@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.

Merced Campus

41669 MWF 11:00a-11:50a Castleton, J PSC-2
Comments: Section 41669 may have a web component which requires internet access.

CRIM-08 Introduction to Investigation

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-85AC 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

72079 Hilliard, D Online
Comments: Section 72079 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devon.hilliard@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.

Merced Campus

41670 MW 02:00p-03:15p Joseph, S PSC-1
Comments: Section 41670 may have a web component which requires internet access.

CRIM-10 Writing for Criminal Justice

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take CRIM-02 and CRIM-04. Minimum Grade C,P.

This course covers the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner in the various types of criminal justice system reports: letters, memoranda, directives, and administrative reports. Emphasis is placed on criminal justice terminology, the use of English, and the organization of information. The student will also receive practical experience in note taking and report writing; and the preparation for the presentation of testimony in court.

Merced Campus

41671 TTh 12:30p-01:45p Castleton, J PSC-2
Comments: Section 41671 may have a web component which requires internet access.

CRIM-24 Work Experience in Criminology

1.0 units: 18.0 hours lec.

Prerequisite: *Advised* Previously taken 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

43604 - Wegner, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <https://mag.mccd.edu/Work40Info>><http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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.

43605 - Wegner, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <https://mag.mccd.edu/Work40Info>><http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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 unit 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.

43606 - Wegner, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <https://mag.mccd.edu/Work40Info>><http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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 unit 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.

43607 - Wegner, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <https://mag.mccd.edu/Work40Info>><http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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 unit 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.

43808 - Wegner, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <https://mag.mccd.edu/Work40Info>><http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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 5 unit course is designed for students majoring in Criminal Justice and whose work is related to Criminology and requires completion of 300 volunteer or 375 paid hours.

43809 - Wegner, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <https://mag.mccd.edu/Work40Info>><http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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 6 unit course is designed for students majoring in Criminal Justice and whose work is related to Criminology and requires completion of 360 volunteer or 450 paid hours.

CRIM-33 Violence in the Family

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken CRIM-02 and ENGL-85AC is advised.

This course examines criminal law and the psycho-socio dynamics of child abuse, elder abuse, spousal abuse, and sexual assault.

Merced Campus

41678 TTh 08:00a-09:15a Castleton, J PSC-1
Comments: Section 41678 may have a web component which requires internet access.

CRIM-35 Narcotics

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously take CRIM-02 and ENGL-85AC is advised.

This course is a review of the laws restricting and governing the use of narcotics and dangerous drugs, the psychological and physiological effects of the use and addiction to narcotics and dangerous drugs, and the procedures used to combat the problems facing law enforcement and society in relation to narcotics and dangerous drugs.

Merced Campus

46608 W 05:30p-08:20p Framstad, R PSC-1
Comments: Section 46608 This course may require internet access; please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: raymond.framstad@mccd.edu for course-specific questions.

CRIM-37 Communication and Ethics in Law Enforcement

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken CRIM-02 and ENGL-85AC 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.

Merced Campus

41680 W 05:30p-08:20p Shelton, D PSC-2
Comments: Section 41680 This course may require internet access; please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: delray.shelton@mccd.edu for course-specific questions.

CRIM-42D Reserve Officer Module Level 2

10.0 units: 162.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CRIM-42C. Minimum grade C,P.

Advised Previously taken ENGL-85AC is advised.

Limitation on Enrollment: 1. Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. 2. The absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician's clearance indicating good physical health must be presented to the instructor at the first class meeting. 3. Student must possess a California Driver's License. This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods-including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). This course is repeatable 2 times.

Merced Campus

49600 TTh 06:00p-09:50p Noblett, D PSC-1
Comments: Section 49600 is held 01/10/22 to 05/12/22. IN-CLASS SESSIONS: In addition to the Tuesdays and Thursdays scheduled class meets, this class will also meet on Saturdays and Sundays, January 22, 2022 thru May 8, 2022 to include a 60 minute lunch. Dates and Hours by arrangement will be assigned during the first Lecture session. Section 49600 requires a \$322.00 fee for materials; other fees may apply. This class may have a web component which requires internet access. Contact: david.noblett@mccd.edu for course-specific questions.

Crop Production (CROP)

CROP-12 Commerical Vegetable & Garden Production

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken MATH-80 is advised.

This course is a study of vegetable production covering the botany, cultural production, harvesting, processing, growth characteristics, fertility, pests, and marketing of the major warm season and cool season vegetable crops in California. A field trip into a major vegetable production region is required.

Merced Campus

36056 M 05:10p-07:00p Geyer, R PS-1
M 07:10p-10:00p Geyer, R PS-1
Comments: This class has a web component which requires internet access. Additional fees may apply.

CROP-13 Forage Crops

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

This course will cover production, harvesting, and utilization of principal California forage crops. The importance of forage crops as a supplement

to livestock enterprises will also be covered. The use of forage crops as soil amendments, and irrigated and range pastures will be discussed.

Merced Campus

36058 Th 05:10p-07:00p Mast, J AG-11
Th 07:10p-10:00p Mast, J AG-11
Comments: This class has a web component which requires internet access. Additional fees may apply.

Dairy Husbandry (DAIR)

DAIR-10 Elements of Dairy

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC is advised.

This is a study of history, development, and projections of the dairy industry. General information on the economics of dairying, facts, trends, selection, culling, fitting, showing, judging, pedigrees, feeding, and basic management skills will be learned and also information on employment opportunities and requirements.

Merced Campus

31614 - Maddux, M
T 02:00p-04:50p Maddux, M AG-10
Comments: CONTACT: mary.maddux@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 02:00p-04:50p. COMMENTS: 2 Lecture hours per week will be held online. This class has a web component which requires internet access. Additional fees may apply.

Diagnostic Medical Sonography (SONO)

SONO-45A Integrative Study in Sonography

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course covers a comprehensive analysis and assessment of all previous diagnostic medical sonography instructional coursework in preparation for writing national registry examinations. Modifications related to national registry updates are included. Job market readiness skills will also be presented.

Merced Campus

41046 W 12:00p-01:50p Zelinsky, C AHC-157

SONO-45B Clinical Experience IV

9.0 units: 504.0 hours lab.

Prerequisite: *Required* Take SONO-45C

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation of basic vascular sonography is provided. Clinical experience in abdominal, obstetric and gynecological, and superficial structures imaging is also provided.

Merced Off-Campus

47207 - Zelinsky, C
Comments: Section 47207 requires 504 hours by arrangement.

SONO-45C Basics of Vascular Sonography

2.0 units: 27.0 hours lec, 27.0 hours lab.

Prerequisite: *Required* Take SONO-45B

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course covers basic positioning and scanning protocol of the extracranial and lower extremity peripheral vascular system. Vascular terminology specific to the hemodynamics of these systems will be presented. Normal, abnormal, and pathologic states of the human vascular system with emphasis on the extracranial cerebrovascular system and the lower extremity peripheral arterial and venous systems. The laboratory component of this course will include demonstration and scanning exercises to provide a "live lab" experience in conducting basic

vascular procedures.

Merced Campus

41047	W	08:00a-09:15a	Zelinsky, C	AHC-157
	W	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.

Prerequisite: *Advised* Previously taken INDT-38I and MATH-80 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.

Merced Campus

39273	MW	08:00a-09:50a	Watson, T	VOC-40
	MW	10:00a-12:50p	Watson, T	VOC-40

Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-04B Introduction to 3D

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken INDT-38I 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.

Merced Campus

39173	MW	08:00a-10:00a	Shamony, H	VOC-40
	MW	10:10a-01:00p	Shamony, H	VOC-40

Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-05 Technical Graphics

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take DRFT-04A or DRFT-04C; Minimum grade C,P;

Advised Previously taken MATH-80 is advised.

This course utilizes computer graphics to prepare engineering drawings including geometric constructions, multi-view drawing, sectioning, auxiliary views, pictorial drawing, and tolerancing. It contains a strong tie to ANSI Y14.5

Merced Campus

39169	MW	02:00p-03:50p	Shamony, H	VOC-40
	MW	04:00p-07:05p	Shamony, H	VOC-40

Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-25 Descriptive Geometry

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take DRFT-04A and DRFT-05; Minimum grade C,P;

Advised Previously taken MATH-81 is advised.

This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas. The course is also an introduction to descriptive geometry using computers and more traditional methods of problem solving through the auxiliary view and two-view methods. The development of graphical methods in their application to graphs, charts, and spatial and vector geometry will be studied.

Merced Campus

39270	MW	02:00p-03:50p	Watson, T	VOC-40
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MW	04:00p-06:50p	Watson, T	VOC-40
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Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-44 Print Reading & Sketching

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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.

Merced Campus

39120	-	Russell, C	VOC-42
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MTWThF 01:00p-04:20p Russell, C VOC-42
Comments: SECTION 39120 IS HELD 03/07/22 TO 03/25/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39121	-	Russell, C	VOC-42
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MTWThF 01:00p-04:20p Russell, C VOC-42
Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

79801	MTWThF	08:00a-09:30a	Xiong, F	OFLH-HBPG
	MTWThF	09:40a-12:05p	Xiong, F	OFLH-HBPG

Comments: Section 79801 is held from 03/07/22 to 04/01/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79803	MTWThF	08:00a-09:30a	Xiong, F	OFLH-HBPG
	MTWThF	09:40a-12:05p	Xiong, F	OFLH-HBPG

Comments: Section 79803 is held from 03/07/22 to 04/01/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

Drama (DRAM)**DRAM-01 Introduction to Theater**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52013	McCue-Bryx, L	Online
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Comments: Section 52013 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lauren.mccue-bryx@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.

Merced Campus

51025 TTh 11:00a-12:15p McCue-Bryx, L IAC-139

DRAM-13 Acting II

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take DRAM-12; Minimum grade C,P;

Advised Previously taken ENGL-01A is advised.

This course follows Acting I and continues the exploration of theories and techniques used in preparation for the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, and scenes.

Merced Campus

51109 MW 01:00p-01:50p McCue-Bryx, L THTR-STG
MW 02:00p-03:15p McCue-Bryx, L THTR-STG

DRAM-20A Rehearsal and Performance, Beginning

3.0 units: 18.0 hours lec, 108.0 hours lab.

Limitation on Enrollment: Enrollment by audition or interview. Instructor signature required. This is a beginning course that covers the audition, rehearsal, and performance period of a theatre production. Students will participate in a show as either performer or in running crew. Understanding the basic concepts, processes, and techniques of actors, stage managers, assistant directors, and stage crew will deepen students' appreciation of theatre as a collaborative endeavor. Read-throughs will help students develop proficiency with script analysis on technical and literary levels.

Merced Campus

59000 - McCue-Bryx, L THTR-STG

Comments: Section 59000 is held from 1/18/22 to 4/3/22. Students must audition before enrolling in this course. AUDITIONS will be held 1/11/22 and 1/12/22 from 05:00pm-9:50pm. For more information contact Professor Lauren McCue-Bryx: lau-ren.mccue-bryx@mccd.edu.

DRAM-20B Rehearsal and Performance, Intermediate

3.0 units: 18.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken DRAM-20A and passed with a minimum grade of C or received an equivalent.

Enrollment by audition or interview. Instructor signature required. This is an intermediate course that covers the audition, rehearsal, and performance period of a production. Students will participate in a show as either performer or in running crew. The course focuses on intermediate concepts, processes, and techniques in acting, stage management, directing, and technical theatre. Actors and production team members practice leadership and problem-solving skills by role-playing common scenarios encountered during shows. Additionally, students develop textual analysis, research, and notation skills through completing intermediate documentation and collection practices.

Merced Campus

59001 - McCue-Bryx, L THTR-STG

Comments: Section 59001 is held from 1/18/22 to 4/3/22. Students must audition before enrolling in this course. AUDITIONS will be held 1/11/22 and 1/12/22 from 05:00pm-9:50pm. For more information contact Professor Lauren McCue-Bryx: lau-ren.mccue-bryx@mccd.edu.

DRAM-23 Script Analysis: Plays in Performance Plays in Performance

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

In this course, actors will develop textual interpretation skills that enable them to analyze the action, images, characterization, and other components of a play for performance. These components are crucial to

understanding textual detail that goes beyond literal meaning, and indeed prepares students for an industry focused on page-to-stage success.

Merced Campus

51110 MW 01:00p-01:50p McCue-Bryx, L THTR-STG
MW 02:00p-03:15p McCue-Bryx, L THTR-STG

Economics (ECON)**ECON-01 Introduction to Microeconomics**

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken ENGL-85AC ---AND--- MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C are advised

Advised 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

52014 Carter, J Online

Comments: Section 52014 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: john.carter1767@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.

52015 Serpa, C Online

Comments: Section 52015 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: caitlin.serpa@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. SEE INSTRUCTOR BEFORE PURCHASING MATERIALS.

52016 Carter, J Online

Comments: Section 52016 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: john.carter1767@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.

52813 Serpa, C Online

Comments: Section 52813 is held 3/14/22 TO 5/20/22. it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: caitlin.serpa@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.

Merced Campus

51027 TTh 12:30p-01:45p Serpa, C VOC-143
51028 MWF 10:00a-10:50a Serpa, C VOC-143

ECON-02 Introduction to Macroeconomics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

Advised 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

52017 Serpa, C Online
Comments: Section 52017 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: caitlin.serpa@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. SEE INSTRUCTOR BEFORE PURCHASING MATERIALS.

Merced Campus

51029 MWF 09:00a-09:50a Serpa, C VOC-143

Los Banos Campus

78181 MW 05:30p-06:45p McNally, T LB-B-106
Comments: Section 78181 has a web component requiring internet access; additional fees may apply.

Education - Non-Credit (EDU)

EDU-110

Reading and Computers

0.0 units: .
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 09:00a-12:00p Vitato, J BRC-215
Comments: This class may have a web component which requires internet access.

EDU-111 Reading and 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 MTWTh 09:00a-12:00p Vitato, J BRC-215
Comments: This class may have a web component which requires internet access.

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.

Los Banos Campus

95116 Th 03:30p-07:30p Mehat, S LB-B-134
F 03:00p-07:00p Mehat, S LB-B-134
Comments: This class may have a web component which requires internet access.

Merced Off-Campus

95115 W 03:00p-07:00p Mehat, S BRC-120
Comments: This class may have a web component which requires internet access.

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

95635 F 08:30a-12:30p Rentfrow, R
F 01:30p-04:30p Rentfrow, R
Comments: This class may have a web component which requires internet access.

Merced Off-Campus

95631 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95632 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95633 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95634 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95636 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.

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

32608 Hamilton, A Online
Comments: Section 32608 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.
32609 Hamilton, A Online
Comments: Section 32609 will be offered remotely and has a web component requiring internet access; additional fees may

apply. Contact: aaron.hamilton@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.

ELCT-34

Digital Logic, Circuits, and Systems (Foundations of Electronics)

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-30 ELCT-31 ELCT-41 and ELCT-52 is advised.

The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems. A/D and D/A converters and the basic operation of programmable logic controllers and microcomputers will be introduced.

Online

19297 Celly, B Online

Comments: Section 19297 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

ELCT-36 Networking Topologies and Cabling

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-51B and EN-GL-85AC and MATH-80 is advised.

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

Online

19298 Celly, B Online

Comments: Section 19298 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

ELCT-41 Industrial Motor and Equipment Control (Applications of Electronics)

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-31 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

36340

- Hamilton, A

T 05:10p-10:00p Hamilton, A IT-3

Comments: CONTACT: aaron.hamilton@mccd.edu IN-CLASS SESSIONS:Lab; Tuesdays;5:10p-10:00p;Lab; 1 hour per week will be held online. COMMENTS:Lecture hours per week will be held online. Section 36340 has a web component requiring internet access; additional fees may apply.

ELCT-51B A+ Certification Training

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-51A is advised.

Previously taken ENGL-85AC 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

19299 Celly, B Online

Comments: Section 19299 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

ELCT-56 Introduction to Mechatronics

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Take ELCT-42A; Minimum Grade C,P;

Advised Previously taken ELCT-31 and ELCT-42B is advised.

This course introduces students to mechatronics, the rapidly developing field that integrates mechanical, electronic and software engineering in the service of advanced manufacturing. Students will develop an interdisciplinary and integrated approach to design, manufacturing and troubleshooting mechatronics systems. Students will learn how various components such as electronic sensors, electro-pneumatic valves, actuators, motors, and robotic arms work, and how they can be integrated with other mechanical components into complex automated systems. OSHA safety training and certification will be included. Hands-on experience in building and programming a variety of mechatronics projects that simulate real-life industrial automated systems will be provided in laboratory activities.

Merced Campus

39007 MTWTh 08:00a-08:50a Hamilton, A IT-3

MTWTh 09:00a-11:25a Hamilton, A IT-3

Comments: SECTION 39007 IS HELD 02/22/22 TO 05/05/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39283 MTWTh 08:00a-08:50a Hamilton, A IT-3

MTWTh 09:00a-11:25a Hamilton, A IT-3

Comments: This class has a web component which requires internet access. Additional fees may apply.

ELCT-58 Electrical Printreading for Installation and Troubleshooting

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ELCT-52; Minimum grade C,P;

Advised Previously taken ELCT-41 ELCT-42A and INDT-35 is advised.

This course is a study in electrical print reading for installing and troubleshooting electrical systems presents foundational print reading skills needed to install and troubleshoot commercial and industrial electrical

systems and equipment.

Online

32300 Hamilton, A Online
Comments: Section 32300 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.

ELCT-59 Electrical Safety and Industrial Skills

2.0 units: 36.0 hours lec.

This course is an introduction into basic electrical safety and industrial skills associated with the Electrical and Industrial Technology programs offered at Merced College. The course will give students an opportunity to learn industry standard safe working practices in the electrical and maintenance trades as well as the safe operation of industrial equipment. The student will be trained in the safe use of Merced College electrical trainer and equipment that will be used in more advanced Electrical and Industrial Technology classes.

Merced Campus

39234 F 08:00a-12:15p Hamilton, A IT-3
Comments: SECTION 39234 IS HELD 01/14/22 TO 03/11/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39235 F 08:00a-12:15p Hamilton, A IT-3
Comments: This class has a web component which requires internet access. Additional fees may apply.

Emergency Medical Care (EMER)

EMER-50A Emergency Medical Technician 1, Module A

2.5 units: 40.5 hours lec, 13.5 hours lab.

Prerequisite: *Advised* Take ALLH-67 and ENGL-85AC 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

49601 TTh 05:30p-08:20p Staff, M PSC-5
TTh 08:30p-09:20p Staff, M PSC-5
Comments: Section 49601 is held from 01/10/22 to 02/24/22. Section 49601 Lecture and Lab will be offered Face-to-Face, to be held T/Th 5:30p-9:20p in PSC-5. This class may have a web component which requires internet access. Contact: donnelly.b@mccd.edu for course-specific questions. Additional fees may apply. 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: *Required* Take EMER-50A. Minimum grade C,P.

Advised Previously taken ALLH-67 and ENGL-85AC 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

49602 TTh 05:30p-07:50p Staff, M PSC-5
TTh 08:20p-09:35p Staff, M PSC-5
Comments: Section 49602 is held from 03/01/22 to 05/19/22. Section 49602 Lecture and Lab will be offered Face-to-Face, to be held T/Th 5:30p-9:20p in PSC-5. This class may have a web component which requires internet access. Contact: donnelly.b@mccd.edu for course-specific questions. Additional fees may apply. In addition, two Saturdays 8:00a-5:00p with a 1hr lunch included; days/times to be announced at the first class session. 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

49603 - Staff, M
Comments: Section 49603 is held from 01/11/22 to 03/17/22. Section 49603 Lecture and Lab will be offered Face-to-Face, to be held T/Th 9:30a-3:35p in PSC-5. This class may have a web component which requires internet access. Contact: donnelly.b@mccd.edu for course-specific questions. Additional fees may apply. In addition, two Saturdays 8:00a-5:00p with a 1hr lunch included; days/times to be announced at the first class session. 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

Engineering (ENGR)

ENGR-18 Electrical Circuits Analysis

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take PHYS-04B; Minimum grade C,P;

Required Take MATH-06;

Advised Previously taken ENGL-85AC is advised.

This course covers basic circuit analysis emphasizing resistive circuits, natural and forced response of inductive and capacitive circuits, phasor analysis, and semiconductor elements. Lab involves construction and measurement of circuits using power supplies, breadboards, multimeters, oscilloscopes, and function generators.

Merced Campus

12776 - Gargova, S

M 02:00p-04:50p Gargova, S VOC-43
 Comments: CONTACT: gargova.s@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 02:00p-04:50p; VOC-43. COMMENTS: 3 Lecture hours per week will be held online. Section 12776 has a web component requiring internet access; additional fees may apply.

ENGR-30 Introduction to Engineering

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

12323 Gargova, S Online
 Comments: Section 12323 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargova.s@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.

ENGR-45 Engineering Materials

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised Previously taken ENGL-85AC 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.

Merced Campus

12777 - Gargova, S
 Th 08:00a-10:50a Gargova, S SCI-105
 Comments: CONTACT: gargova.s@mccd.edu IN-CLASS SESSIONS: Lab; Thursdays; 08:00a-10:50a; SCI-105. COMMENTS: 3 Lecture hours per week will be held online. Section 12777 has a web component requiring internet access; additional fees may apply.

English (ENGL)

ENGL-01A College Composition and Reading

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Previously taken 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

Advised 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

22000 Truesdale, D Online
 Comments: Students must also register for ENGL-95S-22001. Section 22000 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22002 Truesdale, D Online
 Comments: Students must also register for ENGL-95S-22003. Section 22002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22004 Truesdale, D Online
 Comments: Students must also register for ENGL-95S-22005. Section 22004 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22006 Fries, M Online
 Comments: Students must enroll in ENGL-95S-22007. Section 22006 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

22008 Fries, M Online
 Comments: Students must also register for ENGL-95S-22009. Section 22008 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

22012 Online
 Comments: Students must also register for ENGL-95S-22013.

22014 Online
 Comments: Students must also register for ENGL-95S-22015.

22100 Kahlert, S Online
 Comments: Section 22100 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahlert@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.

22101 Kahlert, S Online
 Comments: Section 22101 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahlert@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.

22102 Kahlert, S Online
 Comments: Section 22102 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahlert@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.

22103 Flatt, S Online
 Comments: Section 22103 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: flatt.s@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.

	381-6565.	
22104	Mumford, J Online	Comments: Section 22104 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mumford.j@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.
22105	Hundley, A Online	Comments: Section 22105 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: hundley.a@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.
22106	Hundley, A Online	Comments: Section 22106 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: hundley.a@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.
22107	Daughdrill, J Online	Comments: Section 22107 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daughdrill.j@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.
22108	Baker, W Online	Comments: Section 22108 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: baker.w@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.
22109	Baker, W Online	Comments: Section 22109 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: baker.w@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.
22110	Baker, W Online	Comments: Section 22110 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: baker.w@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.
22111	Ortiz, K Online	Comments: Section 22111 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Keri.ortiz@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.
22112	Ortiz, K Online	Comments: Section 22112 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Keri.ortiz@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.

22113	Rempel, D Online	Comments: Section 22113 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.
22114	Rempel, D Online	Comments: Section 22114 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.
22115	Brown, G Online	Comments: Section 22115 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@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.
22116	Brown, G Online	Comments: Section 22116 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@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.
22117	Brown, G Online	Comments: Section 22117 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@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.
22118	Epstein-Corbin, S Online	Comments: Section 22118 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.epstein-corbin@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.
22119	Epstein-Corbin, S Online	Comments: Section 22119 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.epstein-corbin@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.
22128	Epstein-Corbin, S Online	Comments: Section 22128 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: Sean.epstein-corbin@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or (209) 381-6565. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.
22164	Online	Comments: CONTACT: xxxx@mccd.edu
72087	Nelson, K Online	Comments: Section 72087 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@mccd.edu for course-specific

<p>questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.</p>			<p>Comments: This class may have a web component which requires internet access.</p>		
72089	Nelson, K	Online	21023	TTh 08:00a-09:50a	Mumford, J IAC-127
<p>Comments: Section 72089 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.</p>			<p>Comments: This class may have a web component which requires internet access.</p>		
72091	Nelson, K	Online	21024	TTh 12:00p-01:50p	IAC-122
<p>Comments: Section 72091 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.</p>			<p>Comments: This class may have a web component which requires internet access.</p>		
72093	Johnston, J	Online	21025	MWF 09:15a-10:20a	Piro, V IAC-122
<p>Comments: Section 72093 requires students to register for ENGL-95S-72121 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.</p>			<p>Comments: This class may have a web component which requires internet access.</p>		
72095	Long, J	Online	21026	TTh 08:00a-09:50a	Piro, V IAC-122
<p>Comments: Section 72095 requires students to register for ENGL-95S-72123 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.</p>			<p>Comments: This class may have a web component which requires internet access.</p>		
72097	Long, J	Online	21027	MW 08:00a-09:50a	Gonzalez, H IAC-123
<p>Comments: Section 72097 requires students to register for ENGL-95S-72125 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.</p>			<p>Comments: This class may have a web component which requires internet access.</p>		
<p>Merced Campus</p>			21028	MW 12:00p-01:50p	Gonzalez, H IAC-123
21000	MW 02:00p-03:50p	Smith, V VOC-110	<p>Comments: This class may have a web component which requires internet access.</p>		
<p>Comments: Students must also register for ENGL-95S-21001. This class may have a web component which requires internet access. CONTACT: Smith.v@mccd.edu</p>			21029	MWF 08:00a-09:05a	IAC-122
21002	MW 10:00a-11:50a	IAC-124	<p>Comments: This class may have a web component which requires internet access.</p>		
<p>Comments: Students must also enroll in ENGL-95S-21003. This class may have a web component which requires internet access.</p>			21030	T 10:00a-11:50a	Daughdrill, J IAC-122
21004	MW 12:00p-01:50p	Taber, J IAC-127	<p>Comments: This class may have a web component which requires internet access.</p>		
<p>Comments: Students must also enroll in ENGL-95S-21005. This class may have a web component which requires internet access.</p>			21031	MWF 10:30a-11:35a	Gonzalez, H IAC-122
21006	TTh 10:00a-11:50a	Taber, J IAC-142	<p>Comments: This class may have a web component which requires internet access.</p>		
<p>Comments: Students must also enroll in ENGL-95S-21007. This class may have a web component which requires internet access.</p>			21032	TTh 12:00p-01:50p	Taber, J IAC-127
21008	TTh 01:00p-01:50p	Ortiz, K IAC-142	<p>Comments: This class may have a web component which requires internet access.</p>		
<p>Comments: Students must also enroll in ENGL-95S-21009. CONTACT: Keri.ortiz@mccd.edu IN-CLASS SESSIONS: TTH; 01:00- 01:50p; IAC-142. COMMENTS: 2 Lecture hours per week will be held online. Section 21008 has a web component requiring internet access; additional fees may apply.</p>			21476	TTh 10:00a-11:50a	Lankford, T VOC-110
21021	MW 10:00a-11:50a	Mumford, J IAC-123	<p>Comments: This ESL class may have a web component which requires internet access. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.</p>		
<p>Comments: This class may have a web component which requires internet access.</p>			22125	F 08:00a-09:50a	Gonzalez, H IAC-123
21022	MW 12:00p-01:50p	Hundley, A IAC-122	<p>Comments: CONTACT: heather.gonzalez@mccd.edu IN-CLASS SESSIONS: Fridays, 08:00a-09:50a; IAC-123. COMMENTS: 2 Lecture hours will be held online. Section 22125 has a web component requiring internet access; additional fees may apply.</p>		
			22700	TTh 08:00a-09:15a	Flatt, S IAC-123
			<p>Comments: CONTACT: flatt.s@mccd.edu IN-CLASS SESSIONS: Lecture; Tuesday, Thursdays, 08:00-09:15am; IAC-123. COMMENTS: 1 Lecture hour per week will be held online. Section 22700 has a web component requiring internet access; additional fees may apply.</p>		
			22701	TTh 09:30a-10:45a	Flatt, S IAC-123
			<p>Comments: CONTACT: flatt.s@mccd.edu IN-CLASS SESSIONS: Lecture; Tuesday, Thursdays, 09:30-10:45am; IAC-123. COMMENTS: 1 Lecture hour per week will be held online. Section 22701 has a web component requiring internet access; additional fees may apply.</p>		
			22702	TTh 11:00a-12:15p	Flatt, S IAC-123
			<p>Comments: CONTACT: flatt.s@mccd.edu IN-CLASS SESSIONS: Lecture; Tuesday, Thursdays, 11:00a-12:15pm; IAC-123. COMMENTS: 1 Lecture hour per week will be held online. Section 22702 has a web component requiring internet access; additional fees may apply.</p>		
			26010	MW 05:30p-07:20p	IAC-122
			<p>Comments: This class may have a web component which requires internet access.</p>		
			26011	TTh 05:30p-07:20p	IAC-122

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

Los Banos Campus

- 74201 MW 02:00p-03:50p Staff, M LB-B-137
Comments: Section 74201 has a web component requiring internet access; additional fees may apply.
- 74203 TTh 08:00a-09:50a Staff, M LB-B-137
Comments: Section 74203 has a web component requiring internet access; additional fees may apply.
- 74205 TTh 12:00p-01:50p Staff, M LB-B-137
Comments: Section 74205 has a web component requiring internet access; additional fees may apply.
- 74207 TTh 02:00p-03:50p Staff, M LB-B-137
Comments: Section 74207 requires students to register for ENGL-95S-74251 has a web component requiring internet access; additional fees may apply.
- 74209 TTh 11:00a-12:50p Johnston, J LB-B-136
Comments: Section 74209 requires students to register for ENGL-95S-74253 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.
- 78201 MW 05:30p-07:20p Staff, M LB-B-137
Comments: Section 78201 requires students to register for ENGL-95S-78521 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

ENGL-01B Introduction to Literature

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

- 22126 Baker, W Online
Comments: CONTACT: Baker.w@mccd.edu
- 22127 Epstein-Corbin, S Online
Comments: CONTACT: sean.epstein-corbin@mccd.edu
- 72109 Chavez, C Online
Comments: Section 72109 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.
- 79037 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79037 is held 01/10/22 to 03/11/22 and has a web component requiring internet access; additional fees may apply.

Merced Campus

- 21035 TTh 08:00a-09:15a Rocha, M IAC-124
Comments: This class may have a web component which requires internet access.
- 21036 TTh 09:30a-10:45a Rocha, M IAC-124
Comments: This class may have a web component which requires internet access.
- 29022 MWF 09:00a-10:50a Barba, M IAC-127
Comments: Section 29022 is held from 03/14/22 to 05/20/22. This class may have a web component which requires internet access. Section 29022 is part of a Learning Community with ENGL-13-29021/PHIL-13-29020 and GUID-45-81065. CONTACT: barba.m@mccd.edu

Los Banos Campus

- 74231 TTh 11:00a-12:15p Staff, M LB-B-111
Comments: Section 74231 has a web component requiring internet access; additional fees may apply.

ENGL-01C Critical Thinking Across the Curriculum

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ENGL-01A; Minimum grade C,P;
Develops critical thinking, reading, and writing skills as they apply to textual analysis of primary and secondary sources, essays, articles, and a book-length work from a range of academic and cultural contexts. Theme based. Emphasis on the techniques and principles of effective written argument in research-based writing across the disciplines.

Online

- 22139 Withers, M Online
Comments: Contact: meg.withers@mccd.edu

Merced Campus

- 21038 TTh 11:00a-12:15p Staff, M IAC-124
Comments: This class may have a web component which requires internet access. Contact: meg.withers@mccd.edu

ENGL-02 Oral Interpretation

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken ENGL-85AC and passed with a minimum grade of C or better or received an equivalent.
This course is designed to introduce students to performance studies through analysis, appreciation and application of interpretive performance of the various forms of literature: poetry, prose and drama.

Merced Campus

- 21247 MWF 11:00a-11:50a Bonstein, J VOC-110
Comments: This class may have a web component which requires internet access.

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

3.0 units: 54.0 hours lec.

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

Online

- 22140 Online
Comments: Section 22140 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxxxx@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.

ENGL-07

Studies in Literature: Poetry

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-01B is advised.

This course traces origins and developments of the poem as a major literary genre. Course includes an intensive study of the poetic process. Poems from ancient times to the present are analyzed in terms of form, idea, and language.

Online

22142 Rocha, M Online
Comments: Section 22142 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rocha.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.

ENGL-11 American Literature from Post-Civil War to Present

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-01B is advised.

This course is designed to introduce students to the history and variety of American literature from the end of the 1865 to the present. Representative works of major and influential authors are read as examples of various genres, literary movements, and historical eras.

Online

22143 Fries, M Online
Comments: Section 22143 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

ENGL-12 Creative Writing

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-01B is advised.

A course designed to provide experience in the writing of poetry, drama, fiction, and creative non-fiction and to aid the student in becoming aware of the craft of writing as described and/or demonstrated by professional writers. The class is conducted primarily as a workshop in which students read their works for constructive criticism.

Online

22144 Brown, G Online
Comments: Section 22144 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@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.

ENGL-13 Critical Reasoning and Writing

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

22146 Piro, V Online
Comments: Section 22146 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: piro.v@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.

22148 Mumford, J Online
Comments: Section 22148 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mumford.j@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.

22150 Withers, M Online
Comments: Section 22150 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

22152 Withers, M Online
Comments: Section 22152 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

22154 Withers, M Online
Comments: Section 22154 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.

22156 Withers, M Online
Comments: Section 22155 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.

72113 Nelson, K Online
Comments: Section 72113 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.

72115 Chavez, C Online
Comments: Section 72115 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.

72117 Chavez, C Online
Comments: Section 72117 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.

79039 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79039 is held 03/14/22 to 05/20/22 and has a web component requiring internet access; additional fees may apply.

Merced Campus

21040 TTh 08:00a-09:15a Barnes, L VOC-111
Comments: This class may have a web component which requires internet access.

21042 TTh 09:30a-10:45a VOC-111
Comments: This class may have a web component which requires internet access.

21044 TTh 11:00a-12:15p VOC-111
Comments: This class may have a web component which requires internet access.

21046 MW 02:00p-03:15p Staff, M VOC-111
Comments: This class may have a web component which requires internet access. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

21048 MWF 07:00a-07:50a Piro, V IAC-123
Comments: This class may have a web component which requires internet access.

21050 MWF 08:00a-08:50a VOC-111
Comments: This class may have a web component which requires internet access.

29020 MWF 09:00a-10:50a Barba, M IAC-127
Comments: Section 29020 is held from 01/10/22 to 03/11/22. CONTACT: barba.m@mccd.edu Section 29020 is part of a Learning Community with ENGL-01B-29022 and GUID-45-81065.

Los Banos Campus

74241 MW 02:00p-03:15p Staff, M LB-B-136
Comments: Section 74241 has a web component requiring internet access; additional fees may apply.

74243 TTh 09:30a-10:45a Johnston, J LB-B-106
Comments: Section 74243 has a web component requiring internet access; additional fees may apply.

74247 F 09:00a-11:50a Staff, M LB-B-135
Comments: Section 74247 has a web component requiring internet access; additional fees may apply.

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

22160 Koepnick, S Online
Comments: Section 22160 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stephanie.koepnick@mccd.edu for course-specific questions.

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

22161 Koepnick, S Online
Comments: Section 22161 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stephanie.koepnick@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.

72083 Long, J Online
Comments: Section 72083 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

Merced Campus

21060 MTWThF 09:00a-09:50a Koepnick, S VOC-110
Comments: This class may have a web component which requires internet access.

ENGL-95S Enhanced Academic Literacy

2.0 units: 36.0 hours lec.

Prerequisite: *Required* 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

22001 Truesdale, D Online
Comments: Students must register for ENGL-01A-22000. Section 22001 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22003 Truesdale, D Online
Comments: Students must also register for ENGL-01A-22002. Section 22003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22005 Truesdale, D Online
Comments: Students must also register for ENGL-01A-22004. Section 22005 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22007 Fries, M Online
Comments: Students must also enroll in ENGL-01A-22006. Section 22007 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

22009 Fries, M Online
Comments: Students must also register for ENGL-01A-22008. Section 22009 will be offered remotely and has a web component requiring internet access; additional fees may apply.

ponent requiring internet access; additional fees may apply. Contact: melissa.fries@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.

- 22013 Online
Comments: Students must also register for ENGL-01A-22012.
- 22015 Online
Comments: Students must also register for ENGL-01A-22014.
- 72121 Johnston, J Online
Comments: Section 72121 requires students to register for ENGL-01A-72093 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.
- 72123 Long, J Online
Comments: Section 72123 requires students to register for ENGL-01A-72095 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.
- 72125 Long, J Online
Comments: Section 72125 requires students to register for ENGL-01A-72097 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

Merced Campus

- 21001 MW 01:00p-01:50p Smith, V VOC-110
Comments: Students must also enroll in ENGL-01A-21000. This class may have a web component which requires internet access. Contact: Smith.v@mccd.edu
- 21003 MW 12:00p-12:50p IAC-124
Comments: Students must also enroll in ENGL-01A-21002. This class may have a web component which requires internet access.
- 21005 MW 11:00a-11:50a Taber, J IAC-127
Comments: Students must also enroll in ENGL-01A-21004. This class may have a web component which requires internet access.
- 21007 TTh 09:00a-09:50a Taber, J IAC-142
Comments: Students must also enroll in ENGL-01A-21006. This class may have a web component which requires internet access.
- 21009 TTh 02:00p-02:50p Ortiz, K IAC-142
Comments: Students must also enroll in ENGL-01A-21008.
- 21477 TTh 12:00p-12:50p Lankford, T VOC-110
Comments: Contact: Taylor.Lankford@mccd.edu This class may have a web component which requires internet access.

Los Banos Campus

- 74251 TTh 04:00p-04:50p Staff, M LB-B-137
Comments: Section 74251 requires students to register for ENGL-01A-74207 has a web component requiring internet access; additional fees may apply.
- 74253 TTh 01:00p-01:50p Johnston, J LB-B-136
Comments: Section 74209 requires students to register for ENGL-95S-74253 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.

- 78521 MW 07:30p-08:20p Staff, M LB-B-137
Comments: Section 78521 requires students to register for ENGL-01A-78201 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

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: Section 95169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joann.melo@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.

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.

Online

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

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: Section 95171 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joann.melo@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.

ENG-801 Beginning ESL Skills

0.0 units: .

This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/oral skills and visual reinforcement. Course duration is 204 - 288 hours.

Online

95022	Allen, R	Online	Comments: Section 95022 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rebecca.allen@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.
95026	Ramos Avalos, S	Online	Comments: Section 95026 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.
95035	Sanchez-Navarro, Z	Online	Comments: Section 95035 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
95038	Sanchez-Navarro, Z	Online	Comments: Section 95038 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
95049	MTWTh 09:00a-12:00p Cervantes Juan, M	CLS-CLS	Comments: Section 95049 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
95057	Lourenco, C	Online	Comments: Section 95057 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.
95095	MTWTh 09:00a-11:30a Murillo Meraz, O	CLS-CLS	Comments: Section 95095 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
95099	MTWTh 06:00p-08:00p Murillo Meraz, O	CLS-CLS	Comments: Section 95099 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
95107	MWF 05:30p-08:00p Cervantes Juan, M	CLS-CLS	Comments: Section 95107 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.

may apply. Contact: maria.cervantes2700@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.

95118	T 06:00p-08:00p Ramos Avalos, S	CLS-CLS	Comments: Section 95118 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.
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Merced Off-Campus

95103	MTWTh 08:30a-11:30a Staff, M	OFML-LIVIN	Comments: This class may have a web component which requires internet access.
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ENG-802 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 - 288 hours.

Online

95023	Allen, R	Online	Comments: Section 95023 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rebecca.allen@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.
95027	Ramos Avalos, S	Online	Comments: Section 95027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.
95036	Sanchez-Navarro, Z	Online	Comments: Section 95036 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
95039	Sanchez-Navarro, Z	Online	Comments: Section 95039 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
95050	MTWTh 09:00a-12:00p Cervantes Juan, M	CLS-CLS	Comments: Section 95050 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
95058	Lourenco, C	Online	Comments: Section 95058 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.
95096	MTWTh 09:00a-11:30a Murillo Meraz, O	CLS-CLS	

Comments: Section 95096 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

95100 MTWTh 06:00p-08:00p Murillo Meraz, O CLS-CLS
Comments: Section 95100 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

95108 MWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95108 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.

95119 T 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95119 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

Merced Off-Campus

95104 MTWTh 08:30a-11:30a Staff, M OFML-LIVIN
Comments: This class may have a web component which requires internet access.

ENG-813 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 - 288 hours.

Online

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

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

95040 Sanchez-Navarro, Z Online
Comments: Section 95040 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.

95047 Sanchez-Navarro, Z Online
Comments: Section 95047 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.

95051 MTWTh 09:00a-12:00p Cervantes Juan, M CLS-CLS

Comments: Section 95051 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.

95079 Lourenco, C Online

Comments: Section 95079 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.

95097 MWTh 09:00a-11:30a Murillo Meraz, O CLS-CLS
Comments: Section 95097 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

95101 MTWTh 06:00p-08:00p Murillo Meraz, O CLS-CLS
Comments: Section 95101 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

95109 MTWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95109 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.

95120 Th 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95120 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

Merced Off-Campus

95020 MTWTh 08:15a-12:00p Worden, F BRC-210
Comments: This class may have a web component which requires internet access.

95105 MTWTh 08:30a-11:30a Staff, M OFML-LIVIN
Comments: This class may have a web component which requires internet access.

ENG-815 Intermediate ESL Skills

0.0 units:

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. Course duration is 204 - 288 hours.

Online

95025 Allen, R Online
Comments: Section 95025 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rebecca.allen@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.

95029 Ramos Avalos, S Online
Comments: Section 95029 will be offered remotely and has a

web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

- 95041 Sanchez-Navarro, Z Online
Comments: Section 95041 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
- 95048 Sanchez-Navarro, Z Online
Comments: Section 95048 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
- 95052 MWTh 09:00a-12:00p Cervantes Juan, M CLS-CLS
Comments: Section 95052 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95080 Lourenco, C Online
Comments: Section 95080 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.
- 95098 MTWTh 09:00a-11:30a Murillo Meraz, O CLS-CLS
Comments: Section 95098 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95102 MTWTh 06:00p-08:00p Murillo Meraz, O CLS-CLS
Comments: Section 95102 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95110 MWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95110 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95121 Th 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95121 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

Merced Off-Campus

- 95106 MTWTh 08:30a-11:30a Staff, M OFML-LIVIN
Comments: This class may have a web component which requires internet access.

Online

- 95021 Worden, F Online
Comments: This class may have a web component which requires internet access.

ENG-821 Foundations in Academic Literacy II for Non-Native Speakers

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.

Merced Off-Campus

- 95111 MW 12:00p-02:15p Lankford, T BRC-123
Comments: Section 95111 has a web component requiring internet access; additional fees may apply. Contact: taylor.lankford@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.

ENG-822 Foundations in Academic Literacy I for Non-Native Speakers

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.

Merced Campus

- 95112 TTh 01:00p-03:15p Lankford, T IAC-123
Comments: CONTACT: taylor.lankford@mccd.edu
IN-CLASS SESSIONS: Tuesday, Thursdays; 01:00p-03:15p; IAC-123.COMMENTS: 2.5 Lecture hours will be held online. Section 95112 has a web component requiring internet access; additional fees may apply. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

English As A Second Language (ESL)

ESL-40 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.

Merced Campus

- 21474 TTh 01:00p-03:15p Lankford, T IAC-123
Comments: CONTACT: taylor.lankford@mccd.edu
IN-CLASS SESSIONS: Tuesday, Thursdays; 01:00p-03:15p; IAC-123.COMMENTS: 2.5 Lecture hours will be held online. Section 21474 has a web component requiring internet access; additional fees may apply. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

ESL-84E Foundations in Academic Literacy II for Non-Native

5.0 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.

Merced Off-Campus

21475 MW 12:00p-02:15p Lankford, T BRC-123
Comments: CONTACT: taylor.lankford@mccd.edu IN-CLASS SESSIONS: Monday, Wednesdays; 12:00p-02:15p; BRC-123. COMMENTS: 2.5 Lecture hours will be held online. Section 21475 has a web component requiring internet access; additional fees may apply. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

Ethnic Studies(ETHN)

ETHN-20 History of Asian Americans

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

Online

52077 Doria, L Online
Comments: Section 52077 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lorraine.doria@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.

Merced Campus

51112 TTh 11:00a-12:15p Fong, A THTR-STG

Fire Technology (FIRE)

FIRE-30 Fire Protection Organization

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

41686 MW 09:30a-10:45a Staff, M PSC-5
Comments: Section 41686 may have a web component which requires internet access.

FIRE-34 Building Construction for Fire Protection

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-85AC is advised.

This course is the study of components of building construction that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fires. The development and evolution of building and fire codes will be studied in relationship to past fires in residential,

commercial, and industrial occupancies.

Merced Campus

41690 MW 12:30p-01:45p Staff, M PSC-5
Comments: Section 41690 may have a web component which requires internet access.

FIRE-63A Basic Firefighter I, Academy A

8.0 units: 126.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Previously taken FIRE-30 ---OR--- Existing Paid Call (Volunteer) Firefighter

Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of fire department organization, miscellaneous equipment and tools, fire behavior and extinguishment theory, fire fighter safety, self-contained breathing apparatus, and portable fire extinguishers. The course also provides training in ropes, knots, hitches, hoses, nozzles, appliances, ground ladders, forcible entry, and confined space rescue. Students must supply instructor-approved personal protective equipment (required instructional material).

Merced Campus

49604 MWF 06:00p-09:50p Staff, M PSC-5
Comments: Section 49604 is held 01/10/22 to 03/11/22 on MWF from 6:00p-9:50p Section 49604 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 60 minute lunch break; dates to be announced at the first class session. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost \$60. Uniform required. Instructor signature required.

FIRE-63B Basic Firefighter I, Academy B

8.0 units: 126.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take FIRE-63A Minimum grade C,P;

Advised Previously taken ENGL-85AC is advised.

Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of ventilation, fire control, salvage and overhaul operations, fire protection water systems, fire protection systems, fire prevention and investigation, communications, vehicle extrication, wildland fire fighting, urban interface, and hazardous materials.

Merced Campus

49605 MWF 06:00p-09:50p Staff, M PSC-5
Comments: Section 49605 is held 03/14/22 to 05/20/22 on MWF from 6:00p-9:50p Section 49605 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 60 minute lunch break; dates to be announced at the first class session. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost \$60. Uniform required. Instructor signature required.

French (FREN)

FREN-01 Elementary French I

5.0 units: 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 French the most basic functions of everyday life. This course is not recommended for native speakers.

Merced Campus

22480 MWF 02:00p-03:25p Rida, A IAC-124
Comments: Contact: amal.rida@mccd.edu

FREN-02 Elementary French II

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Take FREN-01 ---OR--- Two years of high school French.

FREN-02 is the continuation of FREN-01. This course will focus on the further development of listening, speaking, reading, and writing in cultural context, with primary emphasis on communicative competency. Students will learn how to express in French basic functions of everyday life. This course is not recommended for native speakers.

Merced Campus

22481 MWF 04:00p-05:25p Rida, A IAC-124
Comments: CONTACT: Amal.rida@mccd.edu

FREN-03 Intermediate French I

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Previously taken FREN-02 or two years of high school french and passed with a minimum grade of C or received an equivalent.

Advised Previously taken LRNR-30 is advised.

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

Merced Campus

22581 MWF 04:00p-05:25p Rida, A IAC-124
Comments: CONTACT: amal.rida@mccd.edu

G.E.D. - Non-Credit (GED)

GED-101 Basic Skills Development and Ged Preparation

0.0 units:

This 204-288 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

95066 Castro, M Online
Comments: Section 95066 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marisela.miranda-lom@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.

95067 Martinez, M Online
Comments: Section 95067 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maricela.martine1118@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.

Merced Off-Campus

95164 TTh 08:15a-12:15p Melo, J BRC-214
Comments: This class may have a web component which requires internet access.

Online

95060 MW 08:15a-12:15p Melo, J CLS-CLS
Comments: Section 95060 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended-please contact the Merced College Technology Support (209)

381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: joann.melo@mccd.edu for course-specific questions.

Geography (GEOG)

GEOG-01 Physical Geography

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52057 Chambers, D Online
Comments: Section 52057 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: david.chambers@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.

Merced Campus

51094 TTh 12:30p-01:45p Chambers, D IAC-139

GEOG-02 World Geography

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52058 Chambers, D Online
Comments: Section 52058 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: david.chambers@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.

Merced Campus

51095 MWF 11:00a-11:50a Chambers, D LESH-111
51111 TTh 09:30a-10:45a Chambers, D ART-1

Geology (GEOL)

GEOL-01 Physical Geology

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken 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.

Merced Campus

12763 - Davies, R
 M 11:00a-01:50p Davies, R SCI-105
 Comments: CONTACT: davies.r@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 11:00a-01:50p; SCI-105. COMMENTS: 3 Lecture hours per week will be held online. Section 12763 has a web component requiring internet access; additional fees may apply.

GEOL-02 Historical Geology

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-01A and ARCH-01 or GEOL-01 is advised.

This course covers the geological history of the earth and the development of plant and animal life as traced through the rock and fossil records. The correlation between geologic changes through time, the uses of the fossil record in determining geologic history, and the formation of economic mineral deposits is emphasized throughout the course. A field trip is required for this course.

Merced Campus

12764 - Davies, R
 M 02:00p-04:50p Davies, R SCI-105
 Comments: CONTACT: davies.r@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 02:00p-04:50p; SCI-105. COMMENTS: 3 Lecture hours per week will be held online. Section 12764 has a web component requiring internet access. The Instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

GEOL-03 Earth Science

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-01A 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.

Merced Campus

12778 - Davies, R
 W 11:00a-01:50p Davies, R SCI-105
 Comments: CONTACT: davies.r@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-105. COMMENTS: 3 Lecture hours per week will be held online. Section 12778 has a web component requiring internet access; additional fees may apply.

12779 - Staff, M
 T 08:00a-10:50a Staff, M SCI-105
 Comments: CONTACT: TBA IN-CLASS SESSIONS: Lab; Tuesdays; 08:00a-10:50a; SCI-105. COMMENTS: 3 Lecture hours per week will be held online. Section 12779 has a web component requiring internet access; additional fees may apply.

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.

Online

22475 Schreiber, A Online
 Comments: Section 22475 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: anne.schreiber@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.

GERN-02 Elementary German II

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Previously taken GERN-01 or two years of high school German and passed with a minimum grade of C or received an equivalent.

GERN-02 is the continuation of GERN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in German basic functions of everyday life.

Online

22476 Schreiber, A Online
 Comments: Section 22476 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: anne.schreiber@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.

Guidance (GUID)

GUID-30 Foundations and Strategies For College Success

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

72133 Fuentes, C Online
 Comments: Section 72133 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: christina.fuentes403@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.

72135 Mendiola, M Online
 Comments: Section 72135 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: monica.mendiola@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.

Los Banos Campus

74285 TTh 08:00a-09:15a Staff, M LB-B-111
 Comments: Section 74285 has a web component requiring internet access; additional fees may apply.

74295 MW 09:30a-10:45a Murillo, R LB-B-135
 Comments: Section 74395 has a web component requiring internet access; additional fees may apply.

GUID-45 Pathways to Transfer

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC is advised.

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

Los Banos Campus

72743 T 08:00a-09:15a Fuentes, C LB-B-135
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 72743 has a web component requiring internet access; additional fees may apply.

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 Th 05:00p-06:30p Fuentes, C CLS-CLS
Th 04:00p-05:00p Fuentes, C CLS-CLS
Th 04:30p-07:00p Fuentes, C CLS-CLS

Health (HLTH)

HLTH-10 Contemporary Health

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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

42060 Devine, N Online
Comments: Section 42060 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devine.n@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.

49360 Casey, R Online
Comments: Section 49360 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

Merced Campus

41414 MWF 08:00a-08:50a Severo, S GYM-2
41415 MWF 09:00a-09:50a Severo, S GYM-2
41416 MWF 10:00a-10:50a Casey, J GYM-2
41417 MWF 11:00a-11:50a Casey, J GYM-2
41419 TTh 03:30p-04:45p Huddleston, A GYM-2
41422 TTh 02:00p-03:15p Severo, S GYM-2
49354 MWF 01:00p-02:50p Severo, S AHC-123
Comments: Section 49354 is held from 03/14/22 to 05/20/22.

Los Banos Campus

78301 TTh 05:30p-06:45p Talley, E LB-B-135
Comments: Section 78301 has a web component requiring internet access; additional fees may apply.

HLTH-15 Drugs, Alcohol & Tobacco

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

41423 TTh 12:30p-01:45p Severo, S GYM-2

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 - Botsford, S
Comments: Section 95610 will be offered through correspondence; additional fees may apply. COMMENTS: Classes denoted as correspondence will receive a packet(s) of course-work to complete. Contact: stephanie.botsford@mccd.edu for course-specific questions.

95620 - Botsford, S
Comments: Section 95620 will be offered through correspondence; additional fees may apply. COMMENTS: Classes denoted as correspondence will receive a packet(s) of course-work to complete. Contact: stephanie.botsford@mccd.edu for course-specific questions.

History (HIST)

HIST-04A World History Part 1

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52018 Nystrom, E Online
Comments: Section 52018 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: eric.nystrom@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.

52801 Arnold, T Online
Comments: Section 52801 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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.

Merced Campus

51030 TTh 09:30a-10:45a Lorenz, M VOC-9
 51031 MWF 10:00a-10:50a Fong, A VOC-8

HIST-04B World History Part 2

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52019 Hampton, C Online
 Comments: Section 52019 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: caleb.hampton@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.

52802 Arnold, T Online
 Comments: Section 52802 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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.

Los Banos Campus

78313 M 05:30p-08:20p Staff, M LB-B-134
 Comments: Section 78313 has a web component requiring internet access; additional fees may apply.

HIST-09A China: Introduction to East Asian Civilization

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A and PHIL-10 is advised.

This course provides a broad historical survey of China, the Far East's oldest civilization, from prehistoric times to the present with emphasis on China's cultural achievements and contributions to both Eastern and Western civilizations.

Merced Campus

51032 TTh 12:30p-01:45p Fong, A IAC-145

HIST-17A United States History and United States Constitution

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52020 Kocolas, T Online
 Comments: Section 52020 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kocolas.t@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.

52021 Jackson, M Online
 Comments: Section 52021 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.jackson@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.

52022 Harvey, E Online
 Comments: Section 52022 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52023 Wheeler, J Online
 Comments: Section 52023 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jake.wheeler@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.

52024 Wheeler, J Online
 Comments: Section 52024 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jake.wheeler@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.

52082 Nystrom, E Online
 Comments: Section 52082 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: eric.nystrom@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.

52083 Purcell, C Online
 Comments: Section 52083 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: purcell.c@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.

52084 Seymour, D Online
 Comments: Section 52084 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: david.seymour@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.

52803 Arnold, T Online
 Comments: Section 52803 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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.

72141 Cook, J Online
 Comments: Section 72141 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

72143 Cook, J Online
 Comments: Section 72143 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

72145 Staff, M Online
 Comments: Section 72145 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Merced Campus

51034	MWF	11:00a-11:50a	Harvey, E	AHC-129
51036	TTh	09:30a-10:45a	Purcell, C	VOC-143
51037	MWF	01:00p-01:50p	Seymour, D	VOC-143
51038	TTh	02:00p-03:15p	Fong, A	VOC-8
51039	MWF	10:00a-10:50a	Lorenz, M	VOC-9
51041	TTh	11:00a-12:15p	Purcell, C	VOC-143
51042	MWF	12:00p-12:50p	Fong, A	VOC-8

Los Banos Campus

74317	TTh	02:00p-03:15p	McNally, T	LB-B-134
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Comments: Section 74317 has a web component requiring internet access; additional fees may apply.

HIST-17B United States History and California State and Local Government

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52025			Connors, J	Online
Comments: Section 52025 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@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.				
52026			Harvey, E	Online
Comments: Section 52026 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.				
52027			Jackson, M	Online
Comments: Section 52027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.jackson@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			Lorenz, M	Online
Comments: Section 52028 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lorenz.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.				
52079			Driskill, D	Online
Comments: Section 52079 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daniel.driskill@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.				
52085			Hoyt, A	Online
Comments: Section 52085 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrew.hoyt@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.				

72147			Staff, M	Online
Comments: Section 72147 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.				
77455			Gardner, J	Online
Comments: This section is limited to LBHS, PACHS & DPHS AB288/CCAP students. Section 77455 is held from 01/24/22 to 05/20/22, and will be offered remotely with a web component requiring internet access; additional fees may apply. Contact: jennifer.gardner@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.				

Merced Campus

51045	TTh	09:30a-10:45a	Nystrom, E	IAC-110
51046	TTh	11:00a-12:15p	Lorenz, M	IAC-146
51047	MWF	12:00p-12:50p	Seymour, D	VOC-143
51048	MWF	09:00a-09:50a	Fong, A	VOC-8
51049	MWF	11:00a-11:50a	Lorenz, M	VOC-9

Los Banos Campus

74319	MW	02:00p-03:15p	McNally, T	LB-B-107
Comments: Section 74319 has a web component requiring internet access; additional fees may apply.				
74321	TTh	09:30a-10:45a	Gardner, J	LB-B-107
Comments: Section 74321 has a web component requiring internet access; additional fees may apply.				

HIST-17BH Honors United States History and California State and Local Government

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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 examines our national, state, and local history and government from the late 19th century to the present. There will be an emphasis on academic rigor, analytical research, writing, critical thinking, and collaborative learning.

Merced Campus

51050	TTh	11:00a-12:15p	Lorenz, M	IAC-146
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HIST-20 History of Asian Americans

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

Online

52078			Doria, L	Online
Comments: Section 52078 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lorraine.doria@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.				

Merced Campus

51113 TTh 11:00a-12:15p Fong, A THTR-STG

HIST-22 History of Black Americans

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is a social, cultural, political, and intellectual history of the Black American experience in America. This survey course examines the Black American experience through the dual lens of historical and ethnic studies perspectives-combining both to provide a deep range of views into the complex interaction of Black Americans in the American context. This course begins with the African origins of the Black American experience and follows that experience up to today. In particular, this course examines the historical record of the Black American experience in the context of the lived experience seen through the eyes of such figures as: Equiano, Jacobs, Tubman, Douglass, Washington, Wells, Du Bois, Randolph, Hurston, King, Hamer, Malcolm X, Baldwin, etc. Additionally, this course gives primacy to a full breadth of scholarship on the Black American experience from such seminal thinkers and observers of the Black American condition in the American context such as: Du Bois, Woodson, King, Baldwin, Franklin, Carmichael, Morrison, Davis, Angelou, Patterson, Gates, Foner, Lewis, Blight, Walker, Wilkerson, McWhorter, Kendi, Hannah Jones, etc.

Online

52029 Jackson, M Online

Comments: Section 52029 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.jackson@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.

HIST-23**History of Mexican Americans in the Southwest US**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is an interdisciplinary study of Chicana/Latina Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Chicana/Latina Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Chicana/Latina Studies, Gender Studies, and social movements.

Merced Campus

51051 MW 02:00p-03:15p Caivano, D AHC-129

HIST-29 History of California

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52030 Harvey, E Online

Comments: Section 52030 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52814 Hampton, C Online

Comments: Section 52814 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: caleb.hampton@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.

Merced Campus

51052 MWF 09:00a-09:50a Harvey, E IAC-139

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 (US-CIS). The course will include civil rights, voting, historical development of the U.S., types of government, the electoral process, political parties, the executive, legislative, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

Online

95033 Sanchez-Navarro, Z Online

Comments: Section 95033 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarro@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.

Merced Off-Campus

95032 MW 05:00p-07:00p Alvarado Barba, A LB-B-107

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

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

22482 Ly, C Online

Honors (HNRS)**HNRS-40B Honors Seminar: Native American Philosophy**

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Honors Program. This course will focus on the in-depth discussion and analysis of a topic of interest to honors program students. Students may repeat the class four times.

Merced Campus

21251 T 02:00p-03:50p Hallman, M IAC-109

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

Human Services (HMSV)

HMSV-22**Survey and Utilization of Community Services**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is designed to introduce students who are seeking careers in Human Services to community resources that facilitate the helping process. Students will become acquainted with various agencies, organizations (profit & nonprofit), and institutions that offer promotion, prevention, treatment, and rehabilitation within the community. Other components of this course address the importance of advocating for community empowerment, participation, and change. Students will also begin the process of gaining a sense of self in relationship to community, and develop an understanding of social dynamics as they relate to power structures.

Merced Campus

56006 T 05:30p-08:20p Richardson, C VOC-9

HMSV-24 Work Experience in Human Services

1.0 units:

Prerequisite: *Advised* Previously taken 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: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. 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: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. 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: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. 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: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. 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-41 Case Management

3.0 units:

54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC is advised.

This course is designed to give the student an introduction to case management skills, including screening, assessment, treatment planning, and referral support.

Merced Campus

56007 M 07:00p-09:50p Richardson, C VOC-9

Humanities (HUM)**HUM-02****Studies in Humanities--Renaissance to Present**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised

The principal aims of this course are to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine the continuities of human endeavors through fine arts, literatures, philosophies, religions, and the sciences, with an integration of certain non-Western cultures.

Online

22260 Johnson, B Online

Comments: CONTACT: brian.johnson7720@mccd.edu

72151 Long, J Online

Comments: Section 72151 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

HUM-02H Honors Studies in Humanities-- Renaissance to Present

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

Online

22261 Johnson, B Online

Comments: CONTACT: Brian.johnson7720@mccd.edu

HUM-15 Comparative Cultures

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Merced Campus

21248 TTh 09:30a-10:45a Hallman, M IAC-109
Comments: This class may have a web component which requires internet access.

HUM-21 Humanities and Film

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-01A is advised

This course is an introduction to the humanities through the study of film. Film criticism will be combined with the analysis of philosophical, literary, and/or artistic themes. Feature-length films will be screened.

Merced Campus

21364 MW 12:00p-12:50p Daughdrill, J IAC-108
F 12:00p-02:50p Barba, M ART-1
Comments: This class may have a web component which requires internet access.

Industrial Technology(INDT)

INDT-10 Agricultural and Industrial Technical Skills

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

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

Merced Campus

36030 M 05:10p-07:00p Ornelas, R MA-1
M 07:10p-10:00p Ornelas, R MA-2
Comments: This class has a web component which requires internet access. Additional fees may apply.

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

36421 - Russell, C
W 05:10p-10:00p Russell, C IT-1
Comments: CONTACT: chad.russell@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 05:10p-10:00p; Lab 1 hour online per week. COMMENTS: Lecture hours per week will be held online. Section 36421 has a web component requiring internet access; additional fees may apply.

INDT-35 Electrical Wiring: Industrial

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course covers basic wiring for industrial applications. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code, blueprint reading, layout of electrical circuits according to blueprints, switches, electrical connections, grounding and electrical safety, materials, appliance connections, industrial wiring and components, power poles and low voltage remote control devices. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

Merced Campus

39006 MTWTh 08:00a-09:25a Hamilton, A IT-3
MTWTh 09:35a-11:50a Hamilton, A IT-3
Comments: SECTION 39006 IS HELD 01/10/22 TO 02/17/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005,

ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39288 MTWTh 08:00a-09:25a Hamilton, A IT-3
MTWTh 09:35a-11:50a Hamilton, A IT-3

Comments: This class has a web component which requires internet access. Additional fees may apply.

INDT-40 Commercial Refrigeration Systems

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course presents Commercial Refrigeration Systems to students. Systems studied will range from fractional to large tonnage refrigeration systems. Medium and low temperature systems, multiple defrost methods, and energy efficiency will be studied. Diagnostic and repair procedures on commercial systems and related equipment will be covered.

Merced Campus

39060 - Nagano, J
T 05:10p-10:00p Nagano, J IT-1
Comments: CONTACT: nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 05:10p-10:00p; Lab 1 hour online per week. COMMENTS: Lecture hours per week will be held online. Section 39060 has a web component requiring internet access; additional fees may apply.

INDT-41 Industrial Power Transmission

3.0 units: 36.0 hours lec, 54.0 hours lab.

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

Merced Campus

39001 MTWTh 12:20p-01:35p Nagano, J IT-3
MTWTh 01:45p-03:45p Nagano, J IT-3
Comments: SECTION 39001 IS HELD 02/22/22 TO 03/31/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, AND ELCT-59-39234. WEB COMPONENT WHICH WILL REQUIRE YOU TO HAVE INTERNET ACCESS.
39289 MTWTh 12:20p-01:35p Nagano, J IT-3
MTWTh 01:45p-03:45p Nagano, J IT-3
Comments: This class has a web component which requires internet access. Additional fees may apply.

INDT-50 HVAC - Heating and Control Systems

6.0 units:
72.0 hours lec,
108.0 hours lab.

Advisories: ENGL-81, ENGL-84; MATH-80. This course will enable students to identify and understand the operation of the various components found in heating and air conditioning units. Students will perform diagnostic and repair procedures on the above units and apply basic electrical concepts as they relate to HVAC industry heating and control technology.

Merced Campus

36246 MW 05:10p-07:00p Nagano, J IT-3
MW 07:10p-10:00p Nagano, J IT-3
Comments: This class has a web component which requires internet access. Additional fees may apply.

INDT-53 Heat Pump Systems

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take INDT-51 AND INDT-52. Minimum grade C,P;

This course studies the operation, installation, and service of heat pump systems.

Merced Campus

39061 - Nagano, J
T 05:10p-10:00p Nagano, J IT-1
Comments: CONTACT: nagano.j@mccd.edu IN-CLASS
SESSIONS: Lab; Tuesdays; 05:10p-10:00p; Lab 1 hour online
per week. COMMENTS: Lecture hours per week will be held
online. Section 39061 has a web component requiring internet
access; additional fees may apply.

INDT-56 Industrial Facilities Maintenance

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-52, ELCT-47, and
ELCT-42A is advised.

This course is designed to provide industrial maintenance and electrical
technician students with the skills they need to be successful. Students
will gain skills in: print reading, safety, troubleshooting, mechanical system
components, boiler systems, industrial refrigeration systems and industrial
facility electrical systems,

Merced Campus

39005 - Nagano, J
MTWTh 12:30p-02:45p Nagano, J IT-3
Comments: SECTION 39005 IS HELD 01/10/22 TO 02/17/22.
THIS IS A LEARNING COMMUNITY REQUIRES REGISTER-
ING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005,
ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A
WEB COMPONENT WHICH REQUIRES INTERNET ACCESS.
ADDITIONAL FEES MAY APPLY.

39287 - Nagano, J
MTWTh 12:30p-02:45p Nagano, J IT-3
Comments: This class has a web component which requires
internet access. Additional fees may apply.

Kinesiology (KINE)

KINE-01 Introduction to Kinesiology

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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-dis-
ciplines in kinesiology will be discussed. Career opportunities in the areas
of teaching, coaching, allied health, and fitness professions.

Online

42610 McCall, S Online
Comments: Section 42610 will be offered remotely and has
a web component requiring internet access; additional fees
may apply. Contact: mcall.s@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.

42611 McCall, S Online
Comments: Section 42611 will be offered remotely and has
a web component requiring internet access; additional fees
may apply. Contact: mcall.s@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.

KINE-02 First Aid and CPR for the Professional Res- cuer

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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 profes-
sional rescuer, and AED certification(s) can be granted upon successful
completion of requirements.

Online

42612 McCall, S Online
Comments: CONTACT: mcall.s@mccd.edu IN-CLASS
SESSIONS: Lab; Tuesdays; 08:00am-9:00pm; COMMENTS:
3 Lecture hours per week will be held online. Section 42612
has a web component requiring internet access; additional fees
may apply.

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 created more physical independence
for the student.

Merced Campus

41425 TTh 09:30a-10:45a Huddleston, A GYM-4

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 stu-
dent the opportunity to develop and improve fundamental skills involved
in basketball, such as, ball handling, shooting, defensive and offensive
tactics, and physical endurance. It also covers team strategy and play.

Rules, strategy, and sportsmanship are also stressed.

Merced Campus

41426 MWF 10:00a-10:50a Huddleston, A GYM-1

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.

Merced Campus

41427 M 07:00p-09:50p Serna, R GYM-1

KINE-15 Softball

1.0 units: 54.0 hours lab.

Good general health; absence of medical conditions that would prevent
planned physical activity. This is a course designed to teach the funda-
mentals of softball. Batting, throwing, catching, base running, team play,
rules and strategy will be covered.

Merced Campus

41428 MWF 01:00p-01:50p McGhee, S ATHL-SBF

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

49355 MWF 09:00a-10:50a Halpin, W ATHL-POOL
Comments: Section 49355 is held from 03/14/22 to 05/20/22.

KINE-24B Techniques and Stroke Development for Swimming

1.0 units: 54.0 hours lab.

Prerequisite: *Advised* 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

41430 MWF 11:00a-11:50a Halpin, W ATHL-POOL

KINE-24C Swimming for Fitness

1.0 units: 54.0 hours lab.

Prerequisite: *Advised* 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

41431 TTh 10:30a-11:45a Halpin, W ATHL-POOL

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.

Merced Campus

41432 TTh 08:00a-09:15a Halpin, W ATHL-FHA

Los Banos Off-Campus

74343 MW 12:30p-01:45p Mendes, D OFLL-LBPC
Comments: Section 74343 is located at Positive Changes;
1001 6th Street; Los Banos

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.

Merced Campus

41436 MWF 03:00p-03:50p Kelly, P GYM-4

KINE-32 Circuit Weight Training

1.0 units: 54.0 hours lab.

Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. The equipment provided for both cardiovascular endurance and strength training (single station exercise machines) 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, with the emphasis on increasing muscle tone and cardiovascular fitness.

Merced Campus

41438 TTh 11:00a-12:15p Casey, J GYM-4
41439 MWF 12:00p-12:50p Severo, S GYM-4
41441 TTh 08:00a-09:15a Huddleston, A GYM-4
41442 MWF 09:00a-09:50a Huddleston, A GYM-4
41447 MWF 10:00a-10:50a Kelly, P GYM-4

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.

Merced Campus

41449 TTh 09:30a-10:45a Serna, R GYM-5
41451 TTh 11:00a-12:15p Severo, S GYM-5
41452 TTh 08:00a-09:15a Devine, N GYM-5
41453 MWF 08:00a-08:50a Huddleston, A GYM-5
41455 MWF 12:00p-01:00p Borba, F GYM-5

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

42605 Casey, J Online
Comments: Section 42605 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.j@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.

42606 Devine, N Online
Comments: Section 42606 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devine.n@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.

42607 Casey, J Online
Comments: Section 42607 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.j@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.

42608 Casey, R Online
Comments: Section 42608 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

42609 Casey, J Online

42698 Casey, R Online
Comments: Section 42698 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

42699 Huddleston, A Online
Comments: Section 42699 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: huddleston.a@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.

72155 Talley, E Online
Comments: Section 72155 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.talley@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.

KINE-36 Walking for Fitness

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.

Merced Campus

49362	MWF	08:00a-08:50a	Kelly, P	ATHL-STAD
49363	TTh	08:00a-09:15a	Casey, J	ATHL-STAD

Los Banos Off-Campus

74347	TTh	08:00a-09:15a	Mendes, D	OFL-LBPC
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Comments: Section 74347 is located at Positive Changes; 1001 6th Street; Los Banos

Landscape Horticulture (LAND)

LAND-10B

Plant Identification and Usage: Spring

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken 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 spring of the year.

Merced Campus

31999	S	08:00a-09:50a	Valladao, E	PS-1
	S	10:00a-01:00p	Valladao, E	PS-NURS

Comments: This class has a web component which requires internet access. Additional fees may apply.

LAND-12 Landscape Design

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-01A and MATH-80 is advised.

This course includes the principles of landscape design and studies in form, space, color, texture, scale, balance, utility, and contrast. Materials used in landscape developments, site analysis, problems of design, correct use of plant material relating to ecology and function of landscape

structures in the plan will be encompassed in this course. Basic irrigation design is also a component of the course.

Merced Campus

36008	TTh	05:30p-06:20p	Armenta, E	PS-2
	TTh	06:30p-07:45p	Armenta, E	PS-2

Comments: This class has a web component which requires internet access. Additional fees may apply.

LAND-14

Landscape Construction and Installation

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken MATH-80 is advised.

Covers the fundamentals of landscape construction, including soil preparation, paving and construction materials, hand and power tool use, turf and plant installation, plan reading, estimating and bid preparation; also covers local codes and state requirements and prepares students to pass the C-27 Landscaping Contractor's License exam.

Merced Campus

31077	TTh	01:00p-01:50p	Armenta, E	PS-2
	TTh	02:00p-03:15p	Armenta, E	PS-2

Comments: This class has a web component which requires internet access. Additional fees may apply.

LAND-24 Work Experience in Landscape Horticulture

1.0 units: .

Prerequisite: *Advised* Previously taken 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

33016	-	Codd, A
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Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: <http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html>. This 2 unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

33107	-	Codd, A
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Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: <http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html>. This 2 unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

Learning Resources (LRNR)

LRNR-30 Information Competency in the Electronic Age

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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
 Comments: CONTACT: karrie.bullock@mccd.edu IN-CLASS SESSIONS: Lecture; Wednesdays; 9:00a-9:50a; VOC-114 COMMENTS: 3 Lecture hours per week will be held online. Section 62700 has a web component requiring internet access; additional fees may apply.

Liberal Studies (LBST)**LBST-10 Introduction to Education I**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

22335 Pimentel, M Online
 Comments: Section 22335 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

22336 Pimentel, M Online
 Comments: Section 22336 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

22337 Pimentel, M Online
 Comments: Section 22337 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

LBST-20 Introduction to Education II

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* 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

22338 Pimentel, M Online
 Comments: Section 22338 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

LBST-24 Work Experience in Education

1.0 units: .

Prerequisite: *Advised* Previously taken 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

23151 - Pimentel, M
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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.

23152 - Pimentel, M
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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.

23153 - Pimentel, M
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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.

23154 - Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. 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.

Management (MGMT)

MGMT-31 Principles of Management

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

92042 Casey, R Online
Comments: Section 92042 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

MGMT-33 Elements of Effective Leadership

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken AOM-30 and ENGL-85AC is advised.

This course deals primarily with the techniques of leadership in organizational settings. Topics discussed include leadership styles, the behavioral aspects of leadership, and effective leadership characteristics.

Online

92169 Pistoiresi, J Online
Comments: Section 92169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

0.5 units: 9.0 hours lec.

This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance

problems. Pass/No Pass only.

Online

92811 Pistoiresi, J Online
Comments: Section 92811 is held 03/03/22 to 03/17/22. Section 92811 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Off-Campus

97207 Th 01:00p-05:15p Pistoiresi, J BRC-123
Comments: Section 97207 is held 03/03/22 and 03/10/22. Section 97207 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50B Values and 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

92805 Pistoiresi, J Online
Comments: Section 92805 is held 05/05/22 to 05/19/22. Section 92805 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Campus

99151 T 05:30p-08:20p Morse, J VOC-141
Comments: Section 99151 is held 03/15/22 to 03/29/22. Section 99151 has a web component which requires internet access.

Merced Off-Campus

97205 Th 01:00p-05:15p Pistoiresi, J BRC-123
Comments: Section 97205 is held 05/12/22 and 05/19/22. Section 97205 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50D Communication in the Workplace

0.5 units: 9.0 hours lec.

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

Online

92810 Pistoiresi, J Online
Comments: Section 92810 is held 01/20/22 to 02/03/22. Section 92810 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.
 92844 Staff, M Online
 Comments: Section 92844 is held 04/05/22 to 04/26/22. Section 92844 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Faculty yet to be determined 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.

Merced Campus

99152 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99152 is held 04/05/22 to 04/26/22. Section 99152 has a web component which requires internet access. COMMENTS: Class will not meet on Tuesday, April 19, 2022.

Merced Off-Campus

97201 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97201 is held 01/20/22 and 01/27/22. Section 97201 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50F Team Building

0.5 units: 9.0 hours lec.

This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

Online

92803 Pistoiresi, J Online
 Comments: Section 92803 is held 03/24/22 to 04/07/22. Section 92803 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Off-Campus

97203 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97203 is held 03/24/22 and 03/31/22. Section 97203 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

92802 Pistoiresi, J Online
 Comments: Section 92802 is held 02/17/22 to 03/03/22. Section 92802 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Off-Campus

97202 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97202 is held 02/17/22 and 02/24/22. Section 97202 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50I Attitude in the Workplace

0.5 units: 9.0 hours lec.

This course is designed to provide students with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

Online

92840 Pistoiresi, J Online
 Comments: Section 92840 is held 01/11/22 to 01/25/22. Section 92840 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Campus

99148 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99148 is held 01/11/22 to 01/25/22. Section 99148 has a web component which requires internet access.

MGMT-50K Generational Diversity: Managing Cross Generational Teams

0.5 units: 9.0 hours lec.

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

Online

92806 Pistoiresi, P Online
 Comments: Section 92806 is held 02/03/22 to 02/17/22. Section 92806 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.p@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.

Merced Off-Campus

97206 Th 01:00p-05:15p Pistoiresi, P BRC-122
 Comments: Section 97206 is held 02/03/22 and 02/17/22. Section 97206 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.p@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.

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

0.5 units: 9.0 hours lec.

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

Online

92809 Pistoiresi, J Online
 Comments: Section 92809 is held 05/02/22 to 05/19/22. Section 92809 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Off-Campus

97209 Th 01:00p-05:15p Pistoiresi, J BRC-122
 Comments: Section 97209 is held 05/05/22 and 05/12/22. Section 97209 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

92842 Pistoiresi, J Online
 Comments: Section 92842 is held 02/22/22 to 03/08/22. Section 92842 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Campus

99150 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99150 is held 02/22/22 to 03/08/22. Section 99150 has a web component which requires internet access.

MGMT-50P Emotional Intelligence

0.5 units: 9.0 hours lec.

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

Online

92808 Pistoiresi, P Online
 Comments: Section 92808 is held 04/07/22 to 04/28/22. Section 92808 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.p@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.

Merced Off-Campus

97208 Th 01:00p-05:15p Pistoiresi, P BRC-122
 Comments: Section 97208 is held 04/07/22 and 04/14/22. Section 97208 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.p@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.

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

92841 Staff, M Online
 Comments: Section 92841 is held 02/01/22 to 02/15/22. Section 92841 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Faculty yet to be determined 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.

Merced Campus

99149 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99149 is held 02/01/22 to 02/15/22. Section 99149 has a web component which requires internet access.

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

92854 Pistoiresi, J Online
 Comments: Section 92854 is held 05/04/22 to 05/18/22. Section 92854 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

92850 Hobbs, J Online

Comments: Section 92850 is held 02/02/22 to 02/16/22. Section 92850 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.

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

92852 Pistoiresi, J Online

Comments: Section 92852 is held 03/02/22 to 03/16/22. Section 92852 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

92804 Pistoiresi, J Online

Comments: Section 92804 is held 04/14/22 to 05/05/22. Section 92804 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

Merced Off-Campus

97204 Th 01:00p-05:15p Pistoiresi, J BRC-123

Comments: Section 97204 is held 04/14/22 and 04/28/22. Section 97204 has a web component which requires internet access.

Marketing (MKTG)**MKTG-33 Advertising**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken AOM-30 and ENGL-85AC is advised.

This is an introductory course in advertising principles and techniques. Areas of study will include advertising agencies, preparation of advertisements, including copywriting, illustration and layouts, media selection, budgeting for advertising, psychology and persuasion of advertisements, and the use of advertising as a tool in sales promotion.

Merced Campus

96316 T 05:30p-08:20p Skunca, J VOC-37

Comments: Section 96316 has a web component which requires internet access.

Mathematics (MATH)**MATH-02 Precalculus**

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Previously taken MATH-25 or MATH-95P and passed with minimum grade of C,P. OR Concurrently enrolled in MATH-95P.

Advised Previously taken ENGL-85AC 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

12001 Gargova, S Online

Comments: Section 12001 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargova.s@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.

12501 Albert, M Online

Comments: Section 12501 requires students to register for MATH-95P-12502 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.albert@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. The Instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

Merced Campus

10501 MTWTh 09:00a-09:50a Meidinger, S IAC-143

Comments: Section 10501 requires students to register for MATH-95P-10502 and may have a web component which requires internet access.

16001 TTh 05:30p-07:20p Swenson, D IAC-144

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

Los Banos Campus

74393 MW 10:00a-11:50a Bryan, J LB-B-107

Comments: Section 74393 requires students to register for MATH-95P-74411 has a web component requiring internet access; additional fees may apply.

MATH-03 Calculus for Business

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-C or MATH-61; Minimum grade C,P;

Advised Previously taken ENGL-85AC is advised.

This course covers the techniques of calculus in the business world: functions, graphs, limits, exponential and logarithmic functions, differentiation, integration, techniques and applications of integration, partial derivatives, optimization, and the calculus of several variables.

Merced Campus

10004 MTWTh 10:00a-10:50a Navarro, I SCI-204

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

MATH-04A Calculus I

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-02 or MATH-02H; Minimum grade C,P;

Advised Previously taken ENGL-01A is advised.

This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applica-

tions.

Online

12003 Real, J Online
Comments: Section 12003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jofawna.real@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. The Instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

Merced Campus

10005 MTWTh 08:00a-08:50a Sutterfield, M SCI-203
Comments: This class may have a web component which requires internet access.
16002 TTh 05:30p-07:20p Sutterfield, M SCI-207
Comments: This class may have a web component which requires internet access.

Los Banos Campus

74397 MW 02:00p-03:50p Bryan, J LB-B-135
Comments: Section 74397 has a web component requiring internet access; additional fees may apply.

MATH-04B Calculus II

4.0 units: 72.0 hours lec.
Prerequisite: *Required* Take MATH-04A Minimum grade C,P;
Advised 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

72195 Shumaker, N Online
Comments: Section 72195 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

Merced Campus

10006 TTh 11:00a-12:50p Mitchell, P SCI-203
Comments: This class may have a web component which requires internet access, additional fees may apply.
12703 - Navarro, I
W 02:00p-02:50p Navarro, I SCI-202
Comments: CONTACT: ivan.navarro@mccd.edu IN-CLASS SESSIONS: Lec; Wednesdays; 02:00p-02:50p; SCI-202. COMMENTS: 3 Lecture hours per week will be held online. Section 12703 has a web component requiring internet access; additional fees may apply.

MATH-04C Multivariable Calculus

4.0 units: 72.0 hours lec.
Prerequisite: *Required* Take MATH-04B Minimum grade C,P;
Advised Previously taken ENGL-85AC 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

72197 Shumaker, N Online
Comments: Section 72197 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

Merced Campus

10007 MTWTh 12:00p-12:50p Navarro, I SCI-208
Comments: This class may have a web component which requires internet access.
12704 - Saad, B
W 12:00p-01:50p Saad, B SCI-203
Comments: CONTACT: bassem.saad@mccd.edu IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - February 16, 2022; 12:00p-01:50p; SCI-203. MANDATORY - Mid-Term #2 - April 13, 2022; 12:00p-01:50p; SCI-203. COMMENTS: 4 Lecture hours per week will be held online. Section 12704 has a web component requiring internet access; additional fees may apply.

MATH-06 Elementary Differential Equations

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take MATH-04C. Minimum grade C,P.
Advised Previously taken ENGL-85AC 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.

Merced Campus

10008 MWF 11:00a-11:50a Saad, B IAC-143
Comments: This class may have a web component which requires internet access.

MATH-08 Linear Algebra

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take MATH-04B. Minimum grade C,P;
Advised 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.

Merced Campus

10009 MWF 10:00a-10:50a Saad, B VOC-140
Comments: This class may have a web component which requires internet access.

Los Banos Campus

74407 TTh 02:00p-03:15p Bryan, J LB-B-135
Comments: Section 74407 has a web component requiring internet access; additional fees may apply.

MATH-10 Elementary Statistics

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Previously taken MATH-C, MATH-88, MATH-61, or MATH-62 and passed with a minimum grade of C/P. OR Concurrently enrolled in MATH-95S.
Advised Previously taken ENGL-85AC 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

12010 Clark, J Online
Comments: Section 12010 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clark.j@mccd.edu for course-specific ques-

- tions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- 12012 Rieg, K Online
Comments: Section 12012 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kristen.rieg@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.
- 12018 Diaz, L Online
Comments: Section 12018 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lisa.diaz@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.
- 12503 Rieg, K Online
Comments: Section 12503 requires students to register for MATH-95S-12504 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kristen.rieg@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.
- 12801 Dawson, C Online
Comments: Section 12801 is held from 01/10/22 to 02/18/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: dawson.c@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.
- 12802 Dawson, C Online
Comments: Section 12802 is held from 02/23/22 to 04/01/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: dawson.c@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.
- 12803 Mitchell, P Online
Comments: Section 12803 is held from 02/07/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: patrick.mitchell@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.
- 12806 Montoya, J Online
Comments: Section 12806 is held from 03/14/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: montoya.j@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.

Merced Campus

- 10010 MWF 10:00a-10:50a Bruley, M SCI-203
Comments: This class may have a web component which requires internet access.
- 10011 TTh 11:00a-12:15p Rieg, K SCI-207
Comments: This class may have a web component which requires internet access.
- 10012 TTh 11:00a-12:15p Bruley, M SCI-204
Comments: This class may have a web component which requires internet access.
- 10503 MWF 11:00a-11:50a Bruley, M SCI-207
Comments: Section 10503 requires students to register for MATH-95S-10504 and may have a web component which requires internet access.

- 10505 MWF 08:00a-08:50a Dawson, C SCI-208
Comments: Section 10505 requires students to register for MATH-95S-10506 and may have a web component which requires internet access.
- 10507 TTh 08:00a-09:15a Dawson, C SCI-207
Comments: Section 10507 requires students to register for MATH-95S-10508 and may have a web component which requires internet access.
- 12711 - Bruley, M
T 09:00a-10:50a Bruley, M SCI-110
Comments: CONTACT: bruley.m@mccd.edu IN-CLASS SESSIONS: Lec; Tuesdays; 09:00a-10:50a; SCI-110. COMMENTS: 1 Lecture hour per week will be held online. Section 12711 has a web component requiring internet access; additional fees may apply.
- 12712 - Bruley, M
Th 09:00a-10:50a Bruley, M SCI-110
Comments: CONTACT: bruley.m@mccd.edu IN-CLASS SESSIONS: Lec; Thursdays; 09:00a-10:50a; SCI-110. COMMENTS: 1 Lecture hour per week will be held online. Section 12712 has a web component requiring internet access; additional fees may apply.
- 16003 MW 05:30p-06:45p Staff, M SCI-203
Comments: This class may have a web component which requires internet access.
- 16004 TTh 05:30p-06:45p Staff, M VOC-112
Comments: This class may have a web component which requires internet access.

Los Banos Campus

- 74369 WF 08:00a-09:15a Schlinger, C LB-B-106
Comments: Section 74369 requires students to register for MATH-95S-74373 has a web component requiring internet access; additional fees may apply.
- 74371 TTh 12:30p-01:45p Schlinger, C LB-B-110
Comments: Section 74371 requires students to register for MATH-95S-74375 has a web component requiring internet access; additional fees may apply.

MATH-15 Finite Mathematics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62, or MATH-95F with minimum grade of C/P. OR Concurrently enrolled in MATH-95F.

Advised Previously taken ENGL-85AC 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

- 12020 Diaz, L Online
Comments: Section 12020 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lisa.diaz@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.
- 12805 Navarro, I Online
Comments: Section 12805 is held from 04/04/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: ivan.navarro@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.

Merced Campus

10509 MWF 10:00a-10:50a Sutterfield, M SCI-202
 Comments: Section 10509 requires students to register for MATH-95F-10510 and may have a web component which requires internet access.

Los Banos Campus

74377 WF 12:30p-01:45p Schlinger, C LB-B-110
 Comments: Section 74377 has a web component requiring internet access; additional fees may apply.

MATH-20A Basic Structure of Mathematics I

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62 or MATH-95A with minimum grade of C/P. OR Concurrently enrolled in MATH-95A.

Advised Previously taken ENGL-85AC 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

12022 Mohan, R Online
 Comments: Section 12022 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mohan.r@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.

Merced Campus

10013 TTh 09:30a-10:45a Mitchell, P SCI-203
 Comments: This class may have a web component which requires internet access, additional fees may apply.
 10511 MWF 11:00a-11:50a Reali, J VOC-112
 Comments: Section 10511 requires students to register for MATH-95A-10512 and may have a web component which requires internet access.

MATH-20B Basic Structure of Mathematics II

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62, or MATH-95B with a minimum grade C,P. OR Concurrently enrolled in MATH-95B.

Advised Previously taken ENGL-85AC 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

12023 Reali, J Online
 Comments: Section 12023 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jofawna.reali@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.

Merced Campus

10517 TTh 08:00a-09:15a Reali, J VOC-112
 Comments: Section 10517 requires students to register for MATH-95B-10518 and may have a web component which requires internet access.

MATH-25**Trigonometry**

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62 or MATH-95T with a minimum grade of C/P. OR Concurrently enrolled in MATH-95T.

Advised Previously taken ENGL-85AC 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.

Merced Campus

10015 TTh 08:00a-09:15a Staff, M SCI-202
 Comments: This class may have a web component which requires internet access.
 10519 MWF 12:00p-12:50p Diaz, L SCI-204
 Comments: Section 10519 requires students to register for MATH-95T-10520 and may have a web component which requires internet access.
 16005 MW 05:30p-06:45p Staff, M VOC-112
 Comments: This class may have a web component which requires internet access.

Los Banos Campus

74389 TTh 12:30p-01:45p Bryan, J LB-B-111
 Comments: Section 74389 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: *Required* Previously taken MATH-C, MATH-61, MATH-62, or MATH-95C with a minimum grade C,P. OR Concurrently enrolled in MATH-95C.

Advised Previously taken ENGL-85AC 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.

Merced Campus

10016 MWF 09:00a-09:50a Montoya, J SCI-204
 Comments: This class may have a web component which requires internet access, additional fees may apply.
 10515 MWF 10:00a-10:50a Diaz, L IAC-144
 Comments: Section 10515 requires students to register for MATH-95C-10516 and may have a web component which requires internet access.

MATH-61 Beginning and Intermediate Algebra for STEM

6.0 units: 108.0 hours lec.

Prerequisite: *Required* Take MATH-80; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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

- 12026 Mitchell, P Online
Comments: Section 12026 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: patrick.mitchell@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.
- 72169 Shumaker, N Online
Comments: Section 72169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

MATH-62 Beginning and Intermediate Algebra for Liberal Arts

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Take MATH-80; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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

- 12027 Meidinger, S Online
Comments: Section 12027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meidinger.s@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.
- 12029 Saad, B Online
Comments: Section 12029 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bassem.saad@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.
- 12037 Montoya, J Online
Comments: Section 12037 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: montoya.j@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.

Merced Campus

- 10017 TTh 11:00a-01:15p Montoya, J IAC-143
Comments: This class may have a web component which requires internet access; additional fees may apply.
- 16006 MW 05:30p-07:45p Mohan, R SCI-202
Comments: This class may have a web component which requires internet access.

Los Banos Campus

- 74363 TTh 08:00a-10:15a Schlenger, C LB-B-110
Comments: Section 74363 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, inte-

gers, 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

- 72161 Robinson, D Online
Comments: Section 72161 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.
- 72163 Robinson, D Online
Comments: Section 72163 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Merced Campus

- 10019 MTWTh 10:00a-10:50a Albert, M SCI-208
Comments: This class may have a web component which requires internet access. The Instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

MATH-88 Preparation for Elementary Statistics

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take Math-80; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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

- 72165 Geyer, J Online
Comments: Section 72165 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Merced Campus

- 10020 TTh 08:00a-09:50a Staff, M IAC-144
Comments: This class may have a web component which requires internet access.

MATH-95A Basic Structures I Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-20A required.

A review of the core prerequisite skills, competencies, and concepts needed in Math 20A. Topics include concepts from beginning, elementary algebra, and geometry. Intended for students who are concurrently enrolled in Math 20A.

Merced Campus

- 10512 MWF 12:00p-12:50p Reali, J VOC-112
Comments: Section 10512 requires students to register for MATH-20A-10511 and may have a web component which requires internet access.

MATH-95B Basic Structures II Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-20B is required.

A review of the core prerequisite skills, competencies, and concepts needed in Math 20B. Topics include concepts from beginning, elementary algebra, and geometry. Intended for students who are concurrently enrolled in Math 20B.

Merced Campus

10518 TTh 09:30a-10:45a Reali, J VOC-112
Comments: Section 10518 requires students to register for MATH-20B-10517 and may have a web component which requires internet access.

MATH-95C College Algebra Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-26 required.

A review of the core prerequisite skills, competencies, and concepts needed in College Algebra. Topics include concepts from elementary and intermediate algebra. Intended for students who are concurrently enrolled in College Algebra.

Merced Campus

10516 MWF 11:00a-11:50a Diaz, L IAC-144
Comments: Section 10516 requires students to register for MATH-26-10515 and may have a web component which requires internet access.

MATH-95F Finite Mathematics Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-15 is required.

A review of the core prerequisite skills, competencies, and concepts needed in Finite Mathematics. Topics include concepts from prealgebra, elementary algebra, and intermediate algebra and the development of critical thinking skills necessary for Finite Math.. Intended for students who are currently enrolled in Finite Math.

Merced Campus

10510 MWF 11:00a-11:50a Sutterfield, M SCI-203
Comments: Section 10510 requires students to register for MATH-15-10509 and may have a web component which requires internet access.

MATH-95P PreCalculus Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-02.
Required Concurrently enrolled in MATH-02 AND Either: Previously taken MATH-25 or equivalent and passed with a minimum grade of C or P. Or: Received specific placement into MATH-02 with MATH-95P.

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

12502 Albert, M Online
Comments: Section 12502 requires students to register for MATH-02-12501 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.albert@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. The Instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

Merced Campus

10502 MTW 10:00a-10:50a Meidinger, S IAC-143
Comments: Section 10502 requires students to register for MATH-02-10501 and may have a web component which requires internet access.

Los Banos Campus

74411 MW 12:30p-01:45p Bryan, J LB-B-107
Comments: Section 74411 requires students to register for MATH-10-74393 has a web component requiring internet access; additional fees may apply.

MATH-95S Statistics Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* 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

12504 Rieg, K Online
Comments: Section 12504 requires students to register for MATH-10-12503 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kristen.rieg@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.

Merced Campus

10504 MWF 12:00p-12:50p Bruley, M SCI-207
Comments: Section 10504 requires students to register for MATH-10-10503 and may have a web component which requires internet access.
10506 MWF 09:00a-09:50a Dawson, C SCI-208
Comments: Section 10506 requires students to register for MATH-10-10505 and may have a web component which requires internet access.
10508 TTh 09:30a-10:45a Dawson, C SCI-207
Comments: Section 10508 requires students to register for MATH-10-10507 and may have a web component which requires internet access.

Los Banos Campus

74373 WF 09:30a-10:45a Schlinger, C LB-B-106
Comments: Section 74373 requires students to register for MATH-10-74369 has a web component requiring internet access; additional fees may apply.
74375 TTh 02:00p-03:15p Schlinger, C LB-B-110
Comments: Section 74375 requires students to register for MATH-10-74371 has a web component requiring internet access; additional fees may apply.

MATH-95T Trigonometry Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-25 required.

A review of the core prerequisite skills, competencies, and concepts needed in trigonometry. Topics include concepts from elementary algebra, intermediate algebra, and geometry. Intended for students who are concurrently enrolled in trigonometry.

Merced Campus

10520 MWF 01:00p-01:50p Diaz, L SCI-204
 Comments: Section 10520 requires students to register for MATH-25-10519 and may have a web component which requires internet access.

MATH-C Intermediate Algebra

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-A or MATH-81. Minimum grade C,P;

Advised Previously taken 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

12035 Meidinger, S Online
 Comments: Section 12035 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meidinger.s@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.

12036 Mohan, R Online
 Comments: Section 12036 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mohan.r@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.

12038 Albert, M Online
 Comments: Section 12038 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.albert@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. The Instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

72167 Shumaker, N Online
 Comments: Section 72167 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

Merced Campus

10021 MTWTh 01:00p-01:50p Albert, M VOC-112
 Comments: This class may have a web component which requires internet access. The Instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

Mathematics - Non-Credit (MAT)**MAT-101****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 MW 05:00p-06:30p Bell, S CLS-CLS
 Comments: Section 95062 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended—please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bell.s@mccd.edu for course-specific questions.

MAT-102 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

95063 MW 05:00p-06:30p Bell, S CLS-CLS
 Comments: Section 95063 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended—please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bell.s@mccd.edu for course-specific questions.

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 MW 05:00p-06:30p Bell, S CLS-CLS
 Comments: Section 95064 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended—please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bell.s@mccd.edu for course-specific questions.

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 MW 05:00p-06:30p Bell, S CLS-CLS
 Comments: Section 95065 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended—please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bell.s@mccd.edu for course-specific questions.

Mechanized Agriculture (MECH)

MECH-10 Agricultural and Industrial Technical Skills

3.0 units: 36.0 hours lec,
54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

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

Merced Campus

36057 M 05:10p-07:00p Ornelas, R MA-1

M 07:10p-10:00p Ornelas, R MA-2

Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-12 Agriculture Equipment - Fall

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC recommended.

Advised 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

31500 F 08:00a-09:50a Donovan, T MA-1

F 10:00a-12:50p Donovan, T MA-2

Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-23 Diesel Fuel Systems Diagnostics

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

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

Merced Campus

39020 MTWTh 01:00p-01:50p Donovan, T MA-1

MTWTh 02:00p-04:30p Donovan, T MA-2

Comments: SECTION 39020 IS HELD 02/22/22 TO 03/24/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39290 MTWTh 01:00p-01:50p Donovan, T MA-1

MTWTh 02:00p-04:30p Donovan, T MA-2

Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-24 Power Trains

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised

This course is a study of the function and repair of a power train from the clutch through the final drive. Topics will include the theory of operation,

maintenance, diagnosis, and repair of clutches and torque converters, mechanical and hydraulic transmissions, differential, and final drives. Safety will be stressed throughout.

Merced Campus

39002 MTWTh 08:00a-08:50a Ornelas, R MA-1

MTWTh 09:00a-12:00p Ornelas, R MA-2

Comments: SECTION 39002 IS HELD 01/10/22 TO 03/10/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39291 MTWTh 08:00a-08:50a Ornelas, R MA-1

MTWTh 09:00a-12:00p Ornelas, R MA-2

Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-27 Applied Diesel Technical Skills

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

This course includes applied skill in the service and repair of diesel engines and their sub-systems. Emphasis is placed upon in-frame service/rebuild applications, electronic service information, and component installation and timing. Testing and diagnostic procedures for after service/repair is an important part of the course. Industry safety is emphasized throughout the course.

Merced Campus

39003 MTWTh 01:00p-01:50p Donovan, T MA-1

MTWTh 02:00p-04:25p Donovan, T MA-2

Comments: SECTION 39003 IS HELD 03/28/22 TO 05/05/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39292 MTWTh 01:00p-01:50p Donovan, T MA-1

MTWTh 02:00p-04:25p Donovan, T MA-2

Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-31 Equipment Safety

1.0 units: 18.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

39257 F 01:00p-05:15p Ornelas, R MA-1

Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-32 Applied Electrical and Hydraulic Service

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

Advised Previously taken MECH-21 and MECH-26 is advised.

This course is designed to give students knowledge and competencies in modern cab and chassis electrical systems, electronics, electrohydraulics, and hydraulic systems. Testing, diagnosis, repair, and replacement of computer controlled systems, monitors, sensors, lighting systems, wiring harness, electro/hydraulic systems, and hydraulic systems will be emphasized throughout the course.

Merced Campus

39004	MTWTh	01:00p-02:25p	Donovan, T	MA-1
	MTWTh	02:35p-04:50p	Donovan, T	MA-2
Comments: SECTION 39004 IS HELD 01/10/22 TO 02/16/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.				
39293	MTWTh	01:00p-02:25p	Donovan, T	MA-1
	MTWTh	02:35p-04:50p	Donovan, T	MA-2
Comments: This class has a web component which requires internet access. Additional fees may apply.				

MECH-35 Compact Power Equipment

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 and MECH-15 is advised.

This is a study in basic principles of modern small equipment and engines and explores design, operation, and proper maintenance of equipment and current compact engines approved by the California Air Resources Board. Topics include application of compact engine systems to various machines, power transmission systems, attachments, related engine systems to various machines, power transmission systems, attachments, related engine systems, equipment operation, problem solving, and component failures.

Merced Campus

31620	F	07:30a-09:20a	Ornelas, R	MA-6
	F	09:30a-12:20p	Ornelas, R	MA-6
Comments: This class has a web component which requires internet access. Additional fees may apply.				
36014	W	05:10p-07:00p	Ornelas, R	MA-1
	W	07:10p-10:00p	Ornelas, R	MA-2
Comments: This class has a web component which requires internet access. Additional fees may apply.				

MECH-41 Advanced Diagnosis and Repair

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MECH-21, MECH-22A, MECH-26, MECH-30, and MECH-33; Minimum grade C,P;

This course is designed for students who have completed a majority of the Diesel Equipment/Mechanized Agricultural courses. Emphasis will be placed on modern diagnosis and equipment repair techniques used in agriculture, heavy equipment and on-highway truck industries.

Merced Campus

39146	MTWTh	08:00a-09:15a	Ornelas, R	MA-1
	MTWTh	09:25a-11:15a	Ornelas, R	MA-2
Comments: SECTION 39146 IS HELD 03/14/22 TO 04/26/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.				
39147	MTWTh	08:00a-09:15a	Ornelas, R	MA-1
	MTWTh	09:25a-11:15a	Ornelas, R	MA-2
Comments: This class has a web component which requires internet access. Additional fees may apply.				

MECH-51 Truck Brake and Chassis

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

This course is a study of truck and bus mechanics. It includes a study of the running gear, tires, wheels, brakes, electrical systems wiring, services, maintenance, and safety inspection. Troubleshooting and servicing

are major portions of this course.

Merced Campus

36116	TTh	05:30p-06:20p	Donovan, T	MA-1
	TTh	06:30p-09:20p	Donovan, T	MA-2
Comments: This class has a web component which requires internet access. Additional fees may apply.				

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	MTWTh	08:00a-04:00p	Eighmey, P	BRC-220
Comments: This class may have a web component which requires internet access.				
95904	TW	03:00p-07:00p	Mehat, S	LB-B-138
	M	04:00p-08:00p	Mehat, S	LB-B-138
	Th	04:00p-08:00p	Mehat, S	LB-B-138
	Th	03:00p-07:00p	Mehat, S	LB-B-138
	Th	04:00p-08:00p	Mehat, S	LB-B-138
	Th	03:00p-07:00p	Mehat, S	LB-B-138
	Th	04:00p-08:00p	Mehat, S	LB-B-138
	Th	03:00p-07:00p	Mehat, S	LB-B-138
	Th	04:00p-08:00p	Mehat, S	LB-B-138
Comments: This class may have a web component which requires internet access.				

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 their freshman or sophomore year of music studies. It requires one lesson per week with a private instructor approved by the music department faculty. A minimum of 15 lessons must be verified. A jury examination by the music department faculty is required at the conclusion of the course. This course can be repeated three times.

Merced Campus

51053	T	02:00p-02:50p	Doiel, M	MUS-2
Comments: MUSA-20 Applied Music: (18) semester hours will be completed by weekly 1-hour meetings on Tuesdays from 2:00-2:50pm starting 1/11/22 to 5/17/22. (9) semester hours for individual lessons and recitals will be completed TBA. For more information contact doiel.m@mccd.edu.				

MUSA-25A Guitar I

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

51054 TTh 09:30a-10:45a Dahman, N MUS-1

MUSA-27A Class Piano I

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

51055 TTh 12:30p-01:45p Doiel, M MUS-1

MUSA-27B Class Piano II

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take MUSA-27A; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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.

Merced Campus

51056 TTh 12:30p-01:45p Doiel, M MUS-1

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

1.0 units: 54.0 hours lab.

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

Merced Campus

56008 T 05:30p-08:20p Stocking, S THTR-STG

MUSE-42 Jazz Ensemble

1.0 units: 54.0 hours lab.

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

Merced Campus

56009 M 05:30p-08:20p Taylor, K THTR-STG

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.

Merced Campus

56013 T 05:30p-08:20p Simon, A LESH-111

Music: General (MUSG)**MUSG-10 Music Fundamentals**

3.0 units: 54.0 hours lec.

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

52031 Wallace, E Online

Comments: Section 52031 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.wallace@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.

52032 Simon, A Online

Comments: Section 52032 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alexander.simon@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.

Merced Campus

51058 MWF 09:00a-09:50a Simon, A VOC-138

MUSG-13 Jazz Music History

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

51059 MW 02:00p-03:15p Taylor, K VOC-143

Los Banos Campus

74415 M 07:00p-09:50p Faria, M LB-A-103

MUSG-14 American Popular Music History

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52033 Doiel, M Online

Comments: Section 52033 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.
- 52034 Doiel, M Online
Comments: Section 52034 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.
- 52035 Dahman, N Online
Comments: Section 52035 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Nathaniel.dahman@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.
- 52036 Wallace, E Online
Comments: Section 52036 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.wallace@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.
- 52037 Simon, A Online
Comments: Section 52037 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alexander.simon@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.
- 52805 Keane, F Online
Comments: Section 52805 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: Keane.f@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.
- 72221 Gomes, K Online
Comments: Section 72221 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kara.gomes@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.

Merced Campus

51060	MWF	09:00a-09:50a	Wallace, E	MUS-2
51063	TTh	11:00a-12:15p	Dahman, N	MUS-2
51064	TTh	09:30a-10:45a	Simon, A	THTR-STG

MUSG-15 Music Appreciation

3.0 units: 54.0 hours lec.

A survey of art & popular music in western civiliz

Online

- 52067 Keane, F Online
Comments: Section 52067 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

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

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take MUS-04A Minimum grade C,P;

This course is a continuation of MUS-04A. It is the second semester of music theory studies. It completes a thorough study of diatonic harmony

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

Merced Campus

51065	TTh	09:30a-10:45a	Doiel, M	VOC-138
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MUST-04 Music Theory IV (music Theory of the 20th & 21st Centuries)

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take MUS-04C Minimum grade C,P;

Advised Previously taken MUSA-27B is advised.

This course incorporates the concepts from Music Theory III. In addition, through writing and analysis, the course will include: post-Romantic techniques such as borrowed chords and modal mixture, chromatic mediant, Neapolitan and augmented-sixth chords, 9th, 11th and 13th chords, altered chords and dominants; and 20th century techniques such as: Impressionism, tone rows, set theory, pandiatonicism and polytonalism, meter and rhythm.

Merced Campus

51066	TTh	09:30a-10:45a	Doiel, M	VOC-138
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MUST-06 Aural Skills II

1.0 units: 9.0 hours lec, 27.0 hours lab.

Prerequisite: *Required* Take MUS-05A; Minimum Grade C,P;

Basic drill in the singing and recognition of intervals, scales, and diatonic melodies, in the treble, bass, alto, and tenor clefs, dictation of diatonic melodies and counterpoint in the first and second species. This course includes the use of computer music programs.

Merced Campus

51067	TTh	11:00a-11:15a	Simon, A	VOC-138
	TTh	11:15a-11:50a	Simon, A	VOC-138

MUST-08 Aural Skills IV

1.0 units: 9.0 hours lec, 27.0 hours lab.

Prerequisite: *Required* Take MUST-07; Minimum Grade C,P;

Advised Previously taken MUSA-27B is advised.

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory IV through ear training, sight singing, analysis, and dictation.

Merced Campus

51068	TTh	11:00a-11:15a	Simon, A	VOC-138
	TTh	11:15a-11:50a	Simon, A	VOC-138

Nutrition (NUTR)**NUTR-10 Nutrition**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

- 32002 Hobbs, J Online
Comments: Section 32002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.
- 32348 Tassey, E Online
Comments: Section 32348 will be offered remotely and has a web component requiring internet access; additional fees

may apply. Contact: erin.tassey@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.

32349 Hobbs, J Online
Comments: Section 32349 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.

32911 Pecchenino, M Online
Comments: Section 32911 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

Merced Campus

31080 W 11:00a-12:15p Hobbs, J VOC-39
Comments: CONTACT: jennifer.hobbs@mccd.edu IN-CLASS SESSIONS: Lecture; Wednesdays; 11:00a-12:15p. COMMENTS: 1.5 Lecture hours per week will be held online. Section 31080 has a web component requiring internet access; additional fees may apply.

31341 T 09:30a-10:45a Hobbs, J VOC-39
Comments: CONTACT: first.last@mccd.edu IN-CLASS SESSIONS: Lecture; Tuesdays; 09:30a-10:45a. COMMENTS: 1.5 Lecture hours per week will be held online. Section 31341 has a web component requiring internet access; additional fees may apply.

36020 W 05:10p-08:00p Cronk, L VOC-39
Comments: This class has a web component which requires internet access. Additional fees may apply.

NUTR-12 Culture and Cuisine of the World

3.0 units: 45.0 hours lec, 27.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course will explore both traditional and contemporary food customs and cultures of people around the world. Comparisons of food patterns related to social, religious, economic, and geographic significance will be studied. The availability, distribution and preparation of food throughout the world is considered as well as nutritional status of various cultures as it relates to agricultural, food safety and health factors. Opportunities to explore cultural food identity and experiences will be offered.

Online

32020 Pecchenino, M Online
Comments: This is a Learning Community with NUTR-12-32020, NUTR-37-31183, NUTR-42-31010, and NUTR-45-32915. Section 32020 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pecchenino.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.

32021 Pecchenino, M Online
Comments: Section 32021 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pecchenino.m@mccd.edu for course-specific question. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

NUTR-24 Work Experience in Nutrition

1.0 units:

Prerequisite: *Advised* Previously taken 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

33108 - Pecchenino, 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/academ ics/english-liberalstudies/coop-ed-work40-class.html. Students registered for NUTR-24, Work Experience in Nutrition, 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 Nutrition and whose work is related to Nutrition. The course requires completion of 60 volunteer or 75 paid hours.

33109 - Pecchenino, 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/academ ics/english-liberalstudies/coop-ed-work40-class.html. Students registered for NUTR-24, Work Experience in Nutrition, 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 Nutrition and whose work is related to Nutrition. The course requires completion of 120 volunteer or 150 paid hours.

NUTR-37 Nutrition & Hospitality Field Experience

3.0 units: 9.0 hours lec, 144.0 hours lab.

Prerequisite: *Required* Take NUTR-42, NUTR-44 and NUTR-45; Minimum grade P,NP.

Required Previously taken NUTR-44 and passed with a minimum grade of C ---OR--- Concurrently enrolled in NUTR-44.

1) physical within past 6 months 2)negative TB screening test within past 6 months or negative chest x-ray within past year 3)proof of current immunizations 4)criminal background clearance 5)drug screening This course is designed to help students learn problem solving and communication skills in a professional working environment. The student is engaged in on-the-job learning activities under the supervision of a Certified Dietary Manager, Registered Dietitian, Production Supervisor or Executive Chef and Nutrition Professor. Learning objectives are established based on the competencies defined in the Certifying Board for Dietary Managers Exam Content Outline. Students rotate through experiences in healthcare facilities, schools and professional production kitchens. Students will be required to follow dress standards required by the facility in which they work. This course is recommended at or near the completion of the Nutrition or Culinary Management Program. Students are required to show proof of a current negative TB clearance (within last 3 months) and other immunizations required by the clinical facility to which they are assigned along with a current criminal background and drug screen check at the time of field placement.

Merced Campus

31183 - Pecchenino, M
Th 07:00a-03:00p Pecchenino, M VOC-142
Comments: This is a Learning Community with NUTR-12-32020, NUTR-37-31183, NUTR-42-31010, and NUTR-45-32915. Section 31183 requires an additional \$100 fee for a current criminal background and immunization check. Proof of a current TB clearance must be presented by second week of school. CONTACT: pecchenino.m@mccd.edu IN-CLASS SESSIONS: Lab; Thursdays; 7:00a-3:00p.COMMENTS: Lecture

hours per week will be held online. Section 31020 has a web component requiring internet access.

31184 - Pecchenino, M
Th 07:00a-03:00p Pecchenino, M VOC-142
Comments: Section 31183 requires an additional \$100 fee for a current criminal background and immunization check. Proof of a current TB clearance must be presented by second week of school. CONTACT: pecchenino.m@mccd.edu IN-CLASS SESSIONS: Lab; Thudays; 7:00a-3:00p. COMMENTS: Lecture hours per week will be held online. Section 31020 has a web component requiring internet access.

NUTR-42 Food Production Management

3.0 units: 45.0 hours lec, 27.0 hours lab.

Prerequisite: *Required* Previously taken NUTR-44 and passed with a minimum grade of C ---OR--- Concurrently enrolled in NUTR-44

This course addresses the planning and preparation for quantity food service operations. The focus is on food production, menu development, recipe standardization, equipment and layout, and supervisory functions. Principles and procedures for the management of institutional, restaurant and catering food service settings are reviewed.

Merced Campus

31010 W 08:00a-10:15a Goodwin, M VOC-142
W 10:25a-11:40a Goodwin, M VOC-142
Comments: This is a Learning Community with NUTR-12-32020, NUTR-37-31183, NUTR-42-31010, and NUTR-45-32915. Section 31010 requires an additional fee materials.
Section 31020 has a web component requiring internet access.
31011 W 11:50a-02:05p Goodwin, M VOC-142
W 02:15p-03:30p Goodwin, M VOC-142
Comments: This class has a web component which requires internet access. Additional fees may apply.

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

32965 Pecchenino, M Online
Comments: Section 32965 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

NUTR-45 Introduction to Medical Nutrition Therapy

2.0 units: 36.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is designed to acquaint students with therapeutic and modified diets used in health care 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 and plans to become a Certified Dietary Manager. It is especially beneficial for those planning employment in health care institutions and is recommended for nursing students.

Online

32915 Pecchenino, M Online
Comments: This is a Learning Community with NUTR-12-32020, NUTR-37-31183, NUTR-42-31010, and NUTR-45-32915. Section 32915 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.
32916 Pecchenino, M Online
Comments: Section 32916 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

NUTR-46 Sports and Exercise Nutrition

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

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

Online

32009 Hobbs, J Online
Comments: Section 32009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.

NUTR-50 Baking Basics and Business

1.5 units: 18.0 hours lec, 27.0 hours lab.

Prerequisite: *Advised* 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.

Merced Campus

39183 TW 03:40p-04:30p Deangelo, V VOC-142
TW 04:40p-05:55p Deangelo, V VOC-142

NUTR-52N

Fuel Your Body for Success: the Link Between Food, Quality Sleep, and 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

92851 Hobbs, J Online

Comments: Section 92851 is held 02/02/22 to 02/16/22. Section 92850 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.

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

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Merced Campus

21360 MWF 10:00a-10:50a Hallman, M IAC-109
Comments: This class may have a web component which requires internet access.

21361 TTh 11:00a-12:15p Hallman, M IAC-109
Comments: This class may have a web component which requires internet access.

PHIL-01H Honors Introduction to Philosophy

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ENGL-01A; Minimum Grade C,P;

This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values. These topics will be discussed through reading primary philosophical texts taken from the traditional and modern Western philosophical canon, as well as from non-canonical sources. There will be an emphasis on philosophical research and writing. Students taking this class must be enrolled in the Honors Program.

See the college catalog for a description of enrollment requirements.

Merced Campus

21362 TTh 11:00a-12:15p Hallman, M IAC-109
Comments: This class may have a web component which requires internet access.

PHIL-04 Modern Philosophy

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

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

Merced Campus

21365 MW 02:00p-03:15p Barnes, L IAC-109
Comments: This class may have a web component which requires internet access.

PHIL-05 Contemporary Ethical Issues

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Merced Campus

21366 MW 03:30p-04:45p Barnes, L IAC-109
Comments: This class may have a web component which requires internet access.

PHIL-10 Critical Thinking

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

22162 Rempel, D Online
Comments: CONTACT: denise.rempel@mccd.edu

22163 Rempel, D Online
Comments: CONTACT: denise.rempel@mccd.edu

22167 Alvarez, J Online
Comments: Section 22167 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jacqueline.alvarez@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.

Merced Campus

21368 MWF 12:00p-12:50p Hallman, M IAC-109
Comments: This class may have a web component which requires internet access.

PHIL-12 Introduction to Logic

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

22168 Deering, M Online
Comments: Section 22168 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.deering@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.

22169 Deering, M Online
Comments: Section 22169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.deering@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.

PHIL-13**Critical Reasoning and Writing**

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

- 22147 Piro, V Online
Comments: Section 22147 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: piro.v@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.
- 22149 Mumford, J Online
Comments: Section 22149 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mumford.j@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.
- 22151 Withers, M Online
Comments: Section 22151 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.
- 22153 Withers, M Online
Comments: Section 22153 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.
- 22155 Withers, M Online
Comments: Section 22155 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.
- 22157 Withers, M Online
Comments: Section 22157 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.
- 72227 Nelson, K Online
Comments: Section 72227 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.
- 72229 Chavez, C Online
Comments: Section 72229 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.
- 72231 Chavez, C Online
Comments: Section 72231 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.

- 79089 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79089 is held 03/14/22 to 05/20/22 and has a web component requiring internet access; additional fees may apply.

Merced Campus

- 21041 TTh 08:00a-09:15a Barnes, L VOC-111
Comments: This class may have a web component which requires internet access.
- 21043 TTh 09:30a-10:45a VOC-111
Comments: This class may have a web component which requires internet access.
- 21045 TTh 11:00a-12:15p VOC-111
Comments: This class may have a web component which requires internet access.
- 21047 MW 02:00p-03:15p Staff, M VOC-111
Comments: This class may have a web component which requires internet access. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.
- 21049 MWF 07:00a-07:50a Piro, V IAC-123
Comments: This class may have a web component which requires internet access.
- 21051 MWF 08:00a-08:50a VOC-111
Comments: This class may have a web component which requires internet access.
- 29021 MWF 09:00a-10:50a Barba, M IAC-127
Comments: Section 29021 is held from 01/10/22 to 03/11/22. This class may have a web component which requires internet access. Section 29021 is part of a Puente Learning Community with ENGL-13-29020, ENGL-01B-29022 and GUID-45-81065. CONTACT: barba.m@mccd.edu

Los Banos Campus

- 74431 MW 02:00p-03:15p Staff, M LB-B-136
Comments: Section 74431 has a web component requiring internet access; additional fees may apply.
- 74433 TTh 09:30a-10:45a Johnston, J LB-B-106
Comments: Section 74433 has a web component requiring internet access; additional fees may apply.
- 74437 F 09:00a-11:50a Staff, M LB-B-135
Comments: Section 74437 has a web component requiring internet access; additional fees may apply.

PHIL-15 Comparative Religions

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

- 22170 Ekizian Barton, A Online
Comments: Section 22170 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Adrian.Ekizianbarton@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.

Photography (PHOT)**PHOT-10A Introduction to Photography**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

52087 Sousa, J Online

Comments: Section 52087 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jay.sousa@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. PHOT-10A requires that students provide their own SLR film camera.

52089 Sousa, J Online

Comments: Section 52089 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jay.sousa@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. PHOT-10A 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.

Prerequisite: *Advised* 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

52988 Gwartney, J Online

Comments: Section 52988 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gwartney.j@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. PHOT-11A requires that students provide their own DSLR or point and shoot digital camera and pay a \$30 materials fee.

Merced Campus

56010 W 05:10p-07:00p Gwartney, J IAC-139
W 07:10p-10:00p Gwartney, J IAC-139

Comments: PHOT-11A requires that students provide their own DSLR or point and shoot digital camera and pay a \$30 materials fee.

PHOT-33 The History of Photography

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52038 Cooper, T Online

Comments: Section 52038 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tricia.cooper@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.

Physical Science (PHSC)**PHSC-01 Introduction to Physical and Earth Science**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A 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

12325 Pourtarvirdi, Z Online

Comments: Section 12325 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

Merced Campus

10328 MWF 11:00a-11:50a Staff, M SCI-202

Los Banos Campus

74457 T 11:00a-01:50p Huff, A LB-B-101

Comments: Section 74457 has a web component requiring internet access; additional fees may apply.

PHSC-02 Survey of Chemistry and Physics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, OR MATH-62 and passed with a minimum grade of C or received an equivalent.

Advised Previously taken ENGL-01A 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

12331 Evans, T Online

Comments: Section 12331 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: timothy.evans@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.

PHSC-02L Survey of Chemistry and Physics Laboratory

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Take PHSC-02.

Required Previously taken MATH-C, MATH-61, or MATH-62 and passed with a minimum grade of C or received an equivalent.

Advised Previously taken ENGL-ENGL-01A 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

12334 Evans, T Online
Comments: Section 12334 will be offered remotely and has a web component requiring access; additional fees may apply. Contact: timothy.evans@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.

12335 Evans, T Online
Comments: Section 12335 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: timothy.evans@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.

Los Banos Campus

74459 Th 11:00a-01:50p Huff, A LB-B-101
Comments: Section 74459 has a web component requiring internet access; additional fees may apply.

Physics (PHYS)**PHYS-02A General Physics I**

4.0 units: 54.0 hours lec, 54.0 hours lab.
Prerequisite: *Required* Take 1 group; Take MATH-02 or MATH-02H; Minimum grade C,P; or Take MATH-25 and MATH-26; Minimum grade C,P;
Advised Previously taken ENGL-01A 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.

Merced Campus

12780 - Evans, T
M 08:00a-10:50a Evans, T SCI-106
Comments: CONTACT: timothy.evans@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 08:00a-10:50a; SCI-106. COMMENTS: 3 Lecture hours per week will be held online. Section 12780 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: *Required* Take PHYS-02A Minimum grade C,P;
Advised 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

72257 Khurana, S Online
Comments: Section 72257 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.

Merced Campus

12781 - Evans, T
F 08:00a-10:50a Evans, T SCI-106
Comments: CONTACT: timothy.evans@mccd.edu IN-CLASS SESSIONS: Lab; Fridays; 08:00a-10:50a; SCI-106. COMMENTS: 3 Lecture hours per week will be held online. Section 12781 has a web component requiring internet access; additional fees may apply.

PHYS-04A Physics I

4.0 units: 54.0 hours lec, 54.0 hours lab.
Prerequisite: *Required* Take MATH-04A; Minimum grade C,P;
Advised Previously taken ENGL-01A 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

12326 Pourtarvirdi, Z Online
Comments: Section 12326 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

12327 Pourtarvirdi, Z Online
Comments: Section 12327 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

72259 Huff, A Online
Comments: Section 72259 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alison.huff@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.

Merced Campus

10324 MWF 12:00p-12:50p Khurana, P VOC-140
W 08:00a-10:50a Khurana, P SCI-106
10325 MWF 12:00p-12:50p Khurana, P VOC-140
Th 08:00a-10:50a Khurana, P SCI-106

Los Banos Campus

72789 - Huff, A
W 11:00a-01:50p Huff, A LB-B-101
Comments: CONTACT: alison.huff@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; LB-B101. COMMENTS: 3 Lecture hours per week will be held online. Section 72789 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.

Prerequisite: *Required* Take PHYS-04A, MATH-04B; Minimum grade C,P;

Required Take MATH-04B

Advised Previously taken ENGL-01A advised.

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

Online

12328 Pourtarvirdi, Z Online
Comments: Section 12328 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

72261 Huff, A Online
Comments: Section 72261 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alison.huff@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.

Merced Campus

10327 MWF 11:00a-11:50a Khurana, P SCI-205
T 02:00p-04:50p Khurana, P SCI-106

Los Banos Campus

72791 - Huff, A
M 11:00a-01:50p Huff, A LB-B-101
Comments: CONTACT: alison.huff@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; LB-B101. COMMENTS: 3 Lecture hours per week will be held online. Section 72791 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: *Required* Take MATH-04B ANDPHYS-04B; MINIMUM GRADE C,P;

Advised Previously taken ENGL-01A is advised.

PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.

Online

12329 Pourtarvirdi, Z Online
Comments: Section 12329 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

PHYS-10 Concepts in Physics

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A and MATH-61 or MATH-62 is advised.

This course is a survey of major concepts covered in physics. The concepts, as well as the understanding of general principles, will be developed through lecture, demonstrations, and discussion of everyday phenomena. Both classical and modern topics will be covered, to include mechanics, properties of matter, heat, sound, electricity, magnetism, light, atomic and nuclear physics, relativity, and astrophysics. This course provides an opportunity to work with the concepts of physics in a qualitative manner.

Merced Campus

10330 TTh 09:30a-10:45a Staff, M

SCI-205

Plant Science (PLSC)**PLSC-10 Elements of Plant Science**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

This course is designed to provide the students with a working knowledge of fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

Online

32068 Codd, A Online
Comments: Section 32068 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrew.codd@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.

Merced Campus

31092 TTh 10:30a-11:20a Codd, A PS-1
TTh 11:30a-12:45p Codd, A PS-1
Comments: This class has a web component which requires internet access. Additional fees may apply.
31105 MW 01:00p-01:50p Codd, A PS-1
MW 02:00p-03:15p Codd, A PS-1
Comments: This class has a web component which requires internet access. Additional fees may apply.
31140 MW 10:30a-11:20a Codd, A PS-2
MW 11:30a-12:45p Codd, A PS-2
Comments: This class has a web component which requires internet access. Additional fees may apply.
36068 Th 05:10p-07:00p Codd, A PS-1
Th 07:10p-10:00p Codd, A PS-1
Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Campus

72793 - Staff, M
TTh 05:30p-06:45p Staff, M LB-B-105
Comments: CONTACT: TBA IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 05:30p-06:45pp; LB-B105. COMMENTS: 2 Lecture hours per week will be held online. Section 72793 has a web component requiring internet access; additional fees may apply.

PLSC-12 Weeds

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 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.

Merced Campus

36099 T 06:00p-08:50p Stoddard, C PS-1
Comments: This class has a web component which requires internet access. Additional fees may apply.

Political Science (POSC)

POSC-01 Essentials of American Political System

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 52039 Patterson, E Online
Comments: Section 52039 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: elizabeth.patterson@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.
- 52040 Mayate-Deandreis, L Online
Comments: Section 52040 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.
- 52806 Carlson, J Online
Comments: Section 52806 is held from 03/14/22 to 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: jon.carlson@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.
- 72271 Gardner, J Online
Comments: Section 72271 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.gardner@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.
- 72273 Staff, M Online
Comments: Section 72273 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Merced Campus

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|-------|-----|---------------|------------|----------|
| 51069 | MWF | 10:00a-10:50a | Randall, R | LESH-111 |
| 51070 | MWF | 12:00p-12:50p | Randall, R | LESH-111 |
| 51071 | MWF | 09:00a-09:50a | Randall, R | LESH-111 |
| 51073 | TTh | 11:00a-12:15p | Caivano, D | LESH-111 |

Los Banos Campus

- 74481 TTh 08:00a-09:15a Gardner, J LB-B-106
Comments: Section 74481 has a web component requiring internet access; additional fees may apply.
- 74483 TTh 02:00p-03:15p Gardner, J LB-B-107
Comments: Section 74483 has a web component requiring internet access; additional fees may apply.

POSC-04 Introduction to Political Theory and Thought

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-O1A is advised
Examination of various theoretical approaches to politics and of basic political problems and proposed solutions. Analysis of selected political theories and of the relevance of theory to contemporary problems.

Merced Campus

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|-------|-----|---------------|------------|---------|
| 51074 | TTh | 12:30p-01:45p | Caivano, D | IAC-146 |
|-------|-----|---------------|------------|---------|

Psychology (PSYC)

PSYC-01A

Introduction to Psychology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 52042 Murphy, J Online
Comments: Section 52042 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joel.murphy@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.
- 52043 Rodriguez, A Online
Comments: Section 52043 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: antonio.rodriguez@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.
- 52044 Adams, H Online
Comments: Section 52044 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: heather.adams2213@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.
- 52045 Huddleston, A Online
Comments: Section 52045 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: allen.huddleston@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.
- 52046 Gargano, G Online
Comments: Section 52046 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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.
- 52068 Salazar, R Online
Comments: Section 52068 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rene.salazar@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

- 52074 Patterson, A Online
Comments: Section 52074 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alesia.patterson@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.
- 52807 Adams, H Online
Comments: Section 52807 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: heather.adams2213@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.
- 52808 Rodriguez, A Online
Comments: Section 52808 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: antonio.rodriguez@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.
- 72281 Lemons, S Online
Comments: Section 72281 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Merced Campus

51075	MWF	12:00p-12:50p	Nichols, D	AHC-129
51076	TTh	09:30a-10:45a	Forester, D	AHC-129
51077	TTh	08:00a-09:15a	Forester, D	AHC-129
51086	TTh	12:30p-01:45p	Daniel, M	AHC-129
51087	MWF	10:00a-10:50a	Nichols, D	AHC-129
51088	MWF	09:00a-09:50a	Nichols, D	AHC-129
51089	MWF	01:00p-01:50p		VOC-9
51090	TTh	11:00a-12:15p	Daniel, M	AHC-129

Los Banos Campus

- 74489 MWF 08:00a-08:50a Coahran, S LB-B-107
Comments: Section 74489 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

PSYC-01B Introduction to Psychological Research Methods

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P;

Advised 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

- 52047 Daniel, M Online
Comments: Section 52047 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

- 52048 Williamson, L Online
Comments: Section 52048 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: linda.williamson@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.

- 52069 Bera, S Online
Comments: Section 52069 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

Merced Campus

51079	TTh	11:00a-12:15p	Murphy, J	VOC-9
51091	MW	02:00p-03:15p	Engelke, V	VOC-9

Los Banos Campus

- 74495 TTh 02:00p-03:15p Coahran, S LB-B-106
Comments: Section 74495 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

PSYC-05 Introduction to Statistics in Psychology

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-61 or MATH-62 or MATH-88 or MATH-C and passed with a minimum grade C,P.

Advised 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

- 52049 Bera, S Online
Comments: Section 52049 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stephan.bera@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.

- 52050 Gargano, G Online
Comments: Section 52050 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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. Section 52050 requires students to register for PSYC-95S-52056.

- 52075 Gargano, G Online
Comments: Section 52075 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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.

Merced Campus

51081 TTh 08:00a-09:15a Gargano, G IAC-145
Comments: Section 51081 requires students to register for PSYC-95S-51085.

PSYC-09 Human Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52051 Huddleston, A Online
Comments: Section 52051 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: allen.huddleston@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.

52052 Clifford, J Online
Comments: Section 52052 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford,j@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.

52265 Bluett-Murphy, V Online
Comments: Section 52265 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluet-murp@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.

52275 Patton, M Online
Comments: Section 52275 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

52809 Clifford, J Online
Comments: Section 52809 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.

59617 Bluett-Murphy, V Online
Comments: Section 59617 will be held from 01/10/22-3/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluet-murp@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.

59618 Bluett-Murphy, V Online
Comments: Section 59618 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluet-murp@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.

Merced Campus

51622 MWF 09:00a-09:50a Mininger, V VOC-139
Comments: Section 51622 may have a web component which requires internet access.

56605 W 05:30p-08:20p Cruthird, A VOC-139
Comments: Section 56605 may have a web component which requires internet access.

Los Banos Campus

74499 F 09:00a-11:50a Staff, M LB-B-107
Comments: Section 74499 has a web component requiring internet access; additional fees may apply

PSYC-22 Human Sexuality

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52053 Clifford, J Online
Comments: Section 52053 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford,j@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.

52070 Engelke, V Online
Comments: Section 52070 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52810 Engelke, V Online
Comments: Section 52810 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: vicki.engelke@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.

Merced Campus

51082 MWF 11:00a-11:50a Bernard, E THTR-STG
51092 TTh 09:30a-10:45a Engelke, V MUS-2

Los Banos Campus

74507 MW 02:00p-03:15p Coahran, S LB-B-106
Comments: Section 74507 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

PSYC-23 Personal and Social Adjustment

3.0 units: 54.0 hours lec.

This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

Online

52071 Bernard, E Online
Comments: Section 52071 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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

52072 Engelke, V Online
Comments: Section 52072 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

Merced Campus

51083 TTh 09:30a-10:45a Murphy, J LESH-111

PSYC-25 Introduction to Abnormal Psychology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52054 Murphy, J Online
Comments: Section 52054 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joel.murphy@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.

Merced Campus

51084 TTh 12:30p-01:45p Murphy, J VOC-9

Los Banos Campus

74511 MWF 10:00a-10:50a Coahran, S LB-B-110
Comments: Section 74511 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

PSYC-36 Developmental Psychology: Adolescence

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52055 Clifford, J Online
Comments: Section 52055 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford.j@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.

52811 Clifford, J Online
Comments: Section 52811 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring

internet access; additional fees may apply. CONTACT: clifford.j@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.

PSYC-95S Statistics Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in PSYC-05

Advised 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

52056 Gargano, G Online
Comments: Section 52056 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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. Section 52056 requires students to register for PSYC-05-52050.

Merced Campus

51085 TTh 09:30a-10:45a Gargano, G IAC-145
Comments: Section 51085 requires students to register for PSYC-05-51081.

Radiologic Technology (RADT)

RADT-12A Radiologic Procedures II

4.0 units: 54.0 hours lec, 54.0 hours lab.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers basic radiographic anatomy and positioning of the lower gastrointestinal tract, biliary system, genitourinary system, vertebral column, bony thorax, mobile and trauma radiography. The laboratory portion of this course will include positioning exercises and image evaluation of these areas to achieve both accuracy and speed.

Merced Campus

41021	T	08:00a-10:50a	Abarca, R	AHC-148
	T	11:30a-02:20p	Abarca, R	AHC-148
41022	T	08:00a-10:50a	Abarca, R	AHC-148
	Th	08:00a-10:50a	Abarca, R	AHC-148

RADT-12B Clinical Education I

5.0 units: 270.0 hours lab.

Prerequisite: *Required* Take RADT-12A

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

Merced Off-Campus

47203 - Lang, K
Comments: Section 47203 requires 270 hours by arrangement.

RADT-13 Radiologic Sciences I

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MATH-C AND CHEM-02A; Minimum Grade C,P;

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers the nature and characteristics of radiation, x-ray production, and photon interactions with matter. It also establishes a knowledge base in radiographic and mobile equipment

requirements and design. The laboratory portion of this course will focus on solving radiographic technical problems and verification of the basic laws of the radiation sciences.

Merced Campus

41023 M 08:00a-09:50a Lang, K AHC-148
M 10:30a-01:20p Lang, K AHC-148

RADT-16A

Advanced Radiologic Procedures II

2.5 units: 45.0 hours lec.

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

Merced Campus

41024 W 08:00a-10:15a Abarca, R AHC-148

RADT-16B Advanced Clinical Education I

10.0 units: 540.0 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 Campus

47204 - Lang, K
Comments: Section 47204 requires 540 hours by arrangement.

RADT-16C Fluoroscopy

2.3 units: 40.5 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course is designed to prepare the senior radiography student to sit for the California Radiologic Technologist Fluoroscopy Permit examination.

Merced Campus

41025 W 10:30a-12:35p Lang, K AHC-148

RADT-24 Work Experience in Radiology

1.0 units:

Prerequisite: *Advised* Previously taken 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: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. 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.

Prerequisite: *Advised* 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.

Merced Campus

92966 W 05:30p-08:20p Navarro, R VOC-141
Comments: Section 92966 is held 01/10/22 to 02/18/22.
CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS:
Lecture: Wednesdays; 05:30p-08:20p; VOC-141. COMMENTS:
Remaining lecture hours will be online. Section 92966 has a web component which requires internet access.

REAL-43

Real Estate Practices

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Merced Campus

92967 W 05:30p-08:20p Navarro, R VOC-141
Comments: Section 92967 is held 02/22/22 to 04/01/22.
CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS:
Lecture: Wednesdays; 05:30p-08:20p; VOC-141. COMMENTS:
Remaining lecture hours will be online. Section 92967 has a web component which requires internet access.

REAL-44

Legal Aspects of Real Estate

3.0 units: 54.0 hours lec.

This 435-455 hour course is designed primarily for mentally and or physically disabled students who are functioning at very low levels. The course teaches the basic living skills necessary for successful social interaction, self-care, and to help enhance self-esteem.

Merced Campus

92968 W 05:30p-08:20p Navarro, R VOC-141
Comments: Section 92968 is held 04/04/22 to 05/20/22.
CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS:
Lecture: Wednesdays; 05:30p-08:20p; VOC-141. COMMENTS:
Remaining lecture hours will be online. Section 92968 has a web component which requires internet access.

Registered Nurse (REGN)**REGN-15 Foundations of Nursing**

9.0 units: 72.0 hours lec, 270.0 hours lab.

Prerequisite: *Required* Take BIOL-16, BIOL-18, BIOL-20; MATH-C or MATH-61 or MATH-62; ENGL-01A; Minimum grade C,P;

Required Take REGN-18

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 WTh 08:00a-09:50a Schindler, W AHC-128
Comments: Section 41010 requires 270 hours by arrangement.

REGN-18 Pharmacology in Nursing Practice

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take REGN-15

Advised 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
Comments: Section 42000 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: wanda.schindler@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.

REGN-24 Acute Medical/Surgical and Nursing of The Childbearing Family

10.0 units: 90.0 hours lec, 270.0 hours lab.

Prerequisite: *Required* 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 M 08:00a-10:15a Smith, D AHC-125
W 08:00a-10:15a Smith, D AHC-131
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: *Required* Take REGN-01 or REGN-24; Minimum grade C,P;

Limitation on Enrollment: Enrollment in the REGN program 3rd semester; CPR card Module AC; physical within past 6 months; negative TB screening test within past 6 months or negative chest x-ray within past year; proof of current immunizations; criminal background clearance; drug screening. 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 TTh 08:00a-10:15a Brown, S AHC-140
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: *Required* 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 TW 08:00a-09:50a Grise, R AHC-125
Comments: Section 41013 requires 270 hours by arrangement.

Sewing - Non-Credit (SEW)**SEW-407****Needlecrafts and Sewing**

0.0 units:

This 36-54 hour course provides instruction in knitting, crocheting, stitchery and sewing with an emphasis on: making needlecrafts easier, learning the basic techniques in each of the areas, and learning how to select the right equipment, and the correct pattern for each level of expertise.

Merced Campus

95500 M 05:00p-07:00p Acheson, D VOC-39
Comments: This class may have a web component which requires internet access.

Sociology (SOC)

SOC-01 Introduction to Sociology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course provides an introduction into what it means to be sociologically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologists apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Online

- 52059 Bishop, K Online
Comments: Section 52059 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: katelynn.bishop@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.
- 52060 Gabriella, A Online
Comments: Section 52060 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: anakira.gabriella@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.
- 52061 Maples, I Online
Comments: Section 52061 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: inga.maples@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.
- 52062 Saich, E Online
Comments: Section 52062 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saich.b@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.
- 52063 Saich, E Online
Comments: Section 52063 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saich.b@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.
- 52076 Olson, K Online
Comments: Section 52076 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kurt.olson@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.
- 72307 Deeming, K Online
Comments: Section 72307 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: karen.deeming@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.

Merced Campus

- 51098 MW 02:00p-03:15p Bishop, K VOC-8
51099 MWF 08:00a-08:50a Saich, E LESH-111
51101 MWF 11:00a-11:50a Bishop, K VOC-143
51102 TTh 09:30a-10:45a Mirfakhraie, R VOC-8
51103 TTh 11:00a-12:15p Mirfakhraie, R VOC-8
51104 TTh 12:30p-01:45p Mirfakhraie, R VOC-8
56012 Th 05:30p-08:20p Riley, J VOC-8

Los Banos Campus

- 74513 TTh 08:00a-09:15a Coahran, S LB-B-107
Comments: Section 74513 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.
- 78513 W 05:30p-08:20p Staff, M LB-A-103
Comments: Section 78513 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

SOC-02 Contemporary Social Problems

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

- 52064 Botts, J Online
Comments: Section 52064 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: james.botts@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 Botts, J Online
Comments: Section 52812 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: james.botts@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.

Merced Campus

- 51105 MWF 09:00a-09:50a Saich, E VOC-9

SOC-03 Marriage and the Family

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52065 Bishop, K Online
Comments: Section 52065 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: katelynn.bishop@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.

52066 Olson, K Online
Comments: Section 52066 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kurt.olson@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.

72313 Deeming, K Online
Comments: Section 72313 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: karen.deeming@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.

Merced Campus

51106 MWF 10:00a-10:50a Saich, E VOC-139

SOC-04 Introduction to Gender

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised
Sociological analysis of the social construction of gender, masculinity, and femininity historically and cross-culturally. This course examines the debates on sex and gender. It analyzes the impact of economic and political change on gender expectations and practices. It focuses on macro-analysis of how institutions shape gender and microanalysis of how individuals are socialized and how they "do" and practice gender.

Online

52086 Bishop, K Online
Comments: Section 52086 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: katelynn.bishop@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.

SOC-06 Introduction to Crime

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised
Sociological analysis of crime, criminal behavior, and the criminal justice system. Explores the history and social construction of crime and criminality and examines the definition of crime and its violations as well as the laws and methods used to control criminal behavior. Discuss measurement of crime and basic theoretical explanations of criminal behavior.

Online

72315 Coahran, S Online
Comments: Section 72315 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

Sociology - Non-Credit (SOCL)

SOCL-760 Career and Life Planning

0.0 units:

This course is designed for students who function at limited levels of cognitive development. It is designed to help students acquire positive workplace attitudes, skills, and habits. This course is 435 - 455 hours in duration and may require a work experience component.

Merced Campus

95902 TTh 03:30p-05:00p Batson, L SCI-205
Comments: Section 95902 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended-please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: larhonda.batson@mccd.edu for course-specific questions.

Soil Science (SOIL)

SOIL-10

Soil Science

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

32097 Bell, S Online
Comments: Section 32097 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bell.s@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.

32746 Bell, S Online
Comments: Section 32746 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bell.s@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.

Merced Campus

31745 - Bell, S PS-1
T 01:00p-03:50p Bell, S
Comments: CONTACT: bell.s@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 01:00p-03:50p. COMMENTS: 2 Lecture hours per week will be held online. Section 31745 has a web component requiring internet access; additional fees may apply.

31746 - Bell, S PS-1
F 10:00a-12:50p Bell, S
Comments: CONTACT: bell.s@mccd.edu IN-CLASS SESSIONS: Lab; Fridays; 10:00a-12:50p. COMMENTS: 2 Lecture hours per week will be held online. Section 31746 has a web component requiring internet access; additional fees may apply.

Spanish (SPAN)

SPAN-01 Elementary Spanish I

5.0 units: 90.0 hours lec.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

Online

- 22331 Colomer-Flores, M Online
Comments: This class may have a web component which requires internet access. CONTACT: Colomer-flores.m@mccd.edu
- 22333 Estrada, A Online
Comments: Section 22333 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Alberto.estrada@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.
- 22340 Colomer-Flores, M Online
Comments: Section 22340 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Colomer-flores.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.
- 22341 Sobalvarro, N Online
Comments: Section 22341 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: solbavarro.n@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.
- 22342 Colomer-Flores, M Online
Comments: Section 22342 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Colomer-flores.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.
- 22343 Sobalvarro, N Online
Comments: Section 22343 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sobalvarro.n@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.
- 22348 Allen, M Online
Comments: Section 22348 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: monica.allen@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.
- 72321 Staff, M Online
Comments: Section 72321 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Merced Campus

- 22332 MTWThF 02:00p-02:50p Cortes, S IAC-108
Comments: This class may have a web component which requires internet access.
- 26333 TTh 05:30p-07:45p Estrada, A IAC-108
Comments: This class may have a web component which requires internet access.
- 26335 MW 05:30p-07:45p Garcia Diaz, M VOC-110
Comments: This class may have a web component which requires internet access.

Los Banos Campus

- 74535 MW 10:30a-12:45p Wynne, C LB-B-112

SPAN-02 Elementary Spanish II

5.0 units: 90.0 hours lec.

Prerequisite: *Required* 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

- 22344 Kreide, C Online
Comments: Section 22344 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kreide.c@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.

Los Banos Campus

- 74537 TTh 01:00p-03:15p Wynne, C LB-B-112

SPAN-10 Spanish for Spanish Speakers I

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Take SPAN-02 or the equivalent; Minimum Grade C,P;

Advised 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

- 72327 Calderon Aragon, R Online
Comments: Section 72327 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rodrigo.calderon@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.

Merced Campus

- 21349 TTh 10:30a-12:45p Sobalvarro, N IAC-108
Comments: This class may have a web component which requires internet access.

SPAN-11

Spanish for Spanish Speakers II

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Previously taken SPAN-10 and passed with a minimum grade of C or better or received and equivalent OR Two years of "Spanish for Spanish Speakers."

Advised Previously taken LRNR-30 is advised.

This course represents the continuation of SPAN 10. It is designed for students who are fluent in Spanish and who are ready to develop literacy skills. This course continues to focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, increasing the awareness of linguistic registers, discussing items beyond the familial routine, improving written expression - particularly accentuation and spelling - and developing an appreciation for Latino culture as manifested in any of the Spanish-speaking countries including the USA.

Online

22349 Perez, C Online

Comments: Section 22349 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: citlalli.perez@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.

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

22902 Flatt, S Online
Comments: CONTACT: Susan.flatt@mccd.edu

Virtual Office (VIRT)

VIRT-50 Virtual Office

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken BUS-10 is advised.

Learn how to become an independent contractor/freelancer in the virtual world.

Online

92381 Downing, S Online

Comments: Section 92381 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sonja.downing@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.

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

92801 Pirtle, T Online

Comments: Section 92801 is held 04/11/22 to 05/20/22. Section 92801 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92889 Pirtle, T Online

Comments: Section 92889 is held 01/10/22 to 02/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92889 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92890 Pirtle, T Online

Comments: Section 92890 is held 01/10/22 to 02/09/22. Section 92890 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

VIRT-55 Social Media Marketing and Strategy

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

92829 Pirtle, T Online

Comments: Section 92829 is held 02/14/22 to 03/18/22. Section 92829 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

Vocational Nusing (VOCN)

VOCN-40 Foundations of Nursing

11.0 units: 90.0 hours lec, 324.0 hours lab.

Prerequisite: *Required* Take ALLH-67, NUTR-10, VOCN-46A and Take BIOL-16 or BIOL-50; and Take corequisite: VOCN-46B and VOCN-47A. Minimum grade C,P;

Advised Take VOCN-46B and VOCN-47A

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 12th 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 TW 08:00a-10:15a Alvarez, C AHC-130
 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: *Required* 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.

Merced Campus

49003 M 10:30a-12:50p Cazares, K AHC-130
 Comments: Section 49003 is held from 01/10/22 to 03/07/22.
 49004 F 12:00p-02:15p Roe, L AHC-130
 Comments: Section 49004 is held from 01/14/22 to 03/11/22.

VOCN-46B Pharmacology for Nurses

2.0 units: 36.0 hours lec.

Prerequisite: *Required* Take VOCN-46A; Minimum grade C,P;
 Required Take VOCN-40 and VOCN-47A

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.

Merced Campus

41015 T 11:00a-12:50p Thompson, L AHC-130

VOCN-47A Nursing Guidance I

1.0 units: 18.0 hours lec.

Prerequisite: *Required* 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.

Merced Campus

41016 W 11:00a-11:50a Thompson, L AHC-130

Water/Wastewater Technology (WWT)**WWT-62 Water/Wastewater Calculations**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A and MATH-80 is advised.

This course provides for the mastery of mathematical calculations, specifically involving water and wastewater treatment plant operations and processes. It incorporates the use of handheld calculator, scientific notation, and the use of dimensional analysis as tools of problem solving. This course prepares the student to test for state certification for waste water treatment plant operator, grade I and II (entry level).

Online

12782 Jorritsma, C Online
 Comments: Section 12782 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: curtis.jorritsma@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.

WWT-63**Advanced Water Treatment Plant Operations**

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take WWT-60 Minimum grade C,P;

Advised Previously taken ENGL-85AC is advised.

This course is a continuation of the study of water treatment plant operations and processes, with emphasis on the knowledge and skills needed by operators of conventional surface and ground treatment. Topics include control of metallic ions, trihalomethanes, disposal of wastes in the operation of water plants, instrumentation and advanced laboratory procedures, safety and drinking water regulations. Provides background to prepare students to take state certification exams.

Online

12783 Jorritsma, C Online
 Comments: Section 12783 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: curtis.jorritsma@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.

WWT-64 Advanced Wastewater Treatment

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take WWT-61 Minimum grade C,P;

This course is a continuation of the study of wastewater treatment plant operations and processes. It will emphasize the details of the process that occur in a wastewater treatment plant, including aeration, maintenance of microbe populations, sludge digestions, and chemical removal.

Online

12784 Jorritsma, C Online
 Comments: Section 12784 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: curtis.jorritsma@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.

Welding Technology (WELD)**WELD-06 Fundamentals of Oxy-Fuel Welding and Shielded Metal Arc Welding**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken MATH-80 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

39124 MTWThF 08:00a-09:05a Scroggins, B PS-2
 MTWThF 09:15a-11:05a Scroggins, B IT-6
 Comments: SECTION 39124 IS HELD 01/24/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
 39125 MTWThF 08:00a-09:05a Russell, C PS-2
 MTWThF 09:15a-11:05a Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

- 79807 MTWThF 08:00a-09:05a Xiong, F OFLL-HBPG
 MTWThF 09:15a-11:05a Xiong, F OFLL-HBPG
 Comments: Section 79807 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
- 79809 MTWThF 08:00a-09:05a Xiong, F OFLL-HBPG
 MTWThF 09:15a-11:05a Xiong, F OFLL-HBPG
 Comments: Section 79809 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-07 Fundamentals of TIG & MIG Welding

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take WELD-53 concurrently with WELD-07.

Advised 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

- 39126 MTWThF 01:00p-02:05p Russell, C VOC-42
 MTWThF 02:15p-04:05p Russell, C IT-6
 Comments: SECTION 39126 IS HELD 01/24/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39127 MTWThF 01:00p-02:05p Russell, C VOC-42
 MTWThF 02:15p-04:05p Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

- 79813 MTWThF 01:00p-02:05p Xiong, F OFLL-HBPG
 MTWThF 02:15p-04:05p Xiong, F OFLL-HBPG
 Comments: Section 79813 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
- 79815 MTWThF 01:00p-02:05p Xiong, F OFLL-HBPG
 MTWThF 02:15p-04:05p Xiong, F OFLL-HBPG
 Comments: Section 79815 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40A Introduction to Welding Design and Construction

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take Weld-07. Minimum Grade C,P;

This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

Merced Campus

- 39130 MTWThF 08:00a-10:15a Scroggins, B PS-2
 MTWThF 10:25a-01:55p Scroggins, B IT-6
 Comments: SECTION 39130 IS HELD 03/28/22 TO 04/14/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39131 MTWThF 08:00a-10:15a Scroggins, B PS-2
 MTWThF 10:25a-01:55p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.
- 39134 MW 05:00p-06:50p Scroggins, B VOC-42
 MW 07:00p-10:05p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

- 79819 MTWThF 08:00a-10:20a Xiong, F OFLL-HBPG
 MTWThF 10:30a-02:05p Xiong, F OFLL-HBPG
 Comments: Section 79819 is held from 04/04/22 to 04/29/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
- 79821 MTWThF 08:00a-10:20a Xiong, F OFLL-HBPG
 MTWThF 10:30a-02:05p Xiong, F OFLL-HBPG
 Comments: Section 79821 is held from 04/04/22 to 04/29/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40B Advanced Welding Design and Construction

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take WELD-40A; Minimum grade C,P;

This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.

Merced Campus

- 39132 MTWThF 08:00a-09:30a Russell, C PS-2
 MTWThF 09:40a-12:05p Russell, C IT-6
 Comments: SECTION 39132 IS HELD 04/25/22 TO 05/19/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39133 MTWThF 08:00a-09:30a Russell, C PS-2
 MTWThF 09:40a-12:05p Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.
- 39256 TTh 05:10p-07:00p Russell, C VOC-42
 TTh 07:10p-10:00p Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

- 79825 MTWThF 08:00a-10:10a Xiong, F OFLL-HBPG
 MTWThF 10:20a-01:40p Xiong, F OFLL-HBPG
 Comments: Section 79825 is held from 05/02/22 to 05/20/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79827 MTWThF 08:00a-10:10a Xiong, F OFLL-HBPG
 MTWThF 10:20a-01:40p Xiong, F OFLL-HBPG
 Comments: Section 79827 is held from 05/02/22 to 05/20/22.
 LOCATION: 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.

Prerequisite: *Advised* Previously taken MATH-80 and WELD-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

39128 MTWThF 08:00a-11:20a Scroggins, B IT-6
 Comments: SECTION 39128 IS HELD 03/07/22 TO 03/25/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39129 MTWThF 08:00a-11:20a Scroggins, B IT-6
 Comments: WEB COMPONENT WHICH WILL REQUIRE YOU TO HAVE INTERNET ACCESS.

39135 MW 05:10p-08:00p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

79835 MTWThF 01:00p-04:20p Xiong, F OFLL-HBPG
 Comments: Section 79835 is held from 03/07/22 to 03/25/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79837 MTWThF 01:00p-04:20p Xiong, F OFLL-HBPG
 Comments: Section 79837 is held from 03/07/22 to 03/25/22. LOCATION: 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: *Required* Previously taken WELD-07 and WELD-06 and passed with a grade of C or received an equivalent

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

39175 TTh 05:10p-06:00p Russell, C VOC-42
 TTh 06:10p-09:00p Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

WELD-53 Fabrication Equipment Operation and Safety

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: ENGL-84A. 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

39122 MTWThF 08:00a-09:50a Scroggins, B PS-2
 MTWThF 10:00a-03:50p Scroggins, B IT-6
 Comments: SECTION 39122 IS HELD 01/10/22 TO 01/21/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39123 MTWThF 08:00a-09:50a Scroggins, B PS-2
 MTWThF 10:00a-03:50p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

79853 MTWThF 08:00a-09:50a Xiong, F OFLL-HBPG
 MTWThF 10:00a-03:50p Xiong, F OFLL-HBPG
 Comments: Section 79853 is held from 01/10/22 to 01/21/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79855 MTWThF 08:00a-09:50a Xiong, F OFLL-HBPG
 MTWThF 10:00a-03:50p Xiong, F OFLL-HBPG
 Comments: Section 79855 is held from 01/10/22 to 01/21/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

Work Experience WORK

WORK-40 General Work Experience

1.0 units:

Prerequisite: *Advised* Previously taken 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: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

23002 - Pimentel, M
 Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students will work 120

volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

23003 - Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

23004 - Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

23005 - Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 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: http://www.mccd.edu/academic s/english-liberalstudies/coop-ed-work40-class.html. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 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.

Merced Off-Campus

23061 - 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. Each unit of study requires students to work 75 hours or volunteer 60 hours. Hilmar HS.

23062 - 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. Each unit of study requires students to work 75 hours or volunteer 60 hours. Gustine HS.

Online Classes

Accounting (ACTG)

ACTG-04A Financial Accounting

4.0 units: 72.0 hours lec.

Prerequisite: *Advised* 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

92456 Stapleton, I Online

Comments: Section 92456 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stapleton.i@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.

92657 Stapleton, I Online

Comments: Section 92657 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stapleton.i@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.

ACTG-04B Managerial Accounting

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take ACTG-04A or ACTG-51

Advised 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

72003 Snipes, R Online

Comments: Section 72003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: snipes.r@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.

92603 Vilhauer, C Online

Comments: Section 92603 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vilhauer.c@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.

ACTG-51 Applied Accounting

4.0 units: 72.0 hours lec.

Prerequisite: *Advised* 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 acquaint-

ed 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

92033 Stapleton, I Online

Comments: Section 92033 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stapleton.i@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.

ACTG-52 Payroll Records & Accounting

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ACTG-04A or ACTG-51

Advised Previously taken ENGL-85AC and MATH-80 or 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

72007 Snipes, R Online

Comments: Section 72007 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: snipes.r@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.

ACTG-53 Fundamentals of Income Tax Accounting

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ACTG-04A or ACTG-51 is advised.

This course provides the student with the knowledge of tax laws, accounting procedures, and preparation of required returns for federal income taxes. An introduction to partnership and corporate taxation, as well as a brief overview of tax administration, will supplement the course material.

Online

92002 Vilhauer, C Online

Comments: Section 92002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vilhauer.c@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.

Administrative Office Mgmt (AOM)

AOM-30 Introduction to Computer Applications

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Online

92301 Staff, M Online
Comments: Section 92301 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: michelle.greenwood@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.

92371 Garcia Martinez, J Online
Comments: Section 92371 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

92807 Garcia Martinez, J Online
Comments: Section 92807 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

92882 Garcia Martinez, J Online
Comments: Section 92882 is held 01/10/22 to 03/08/22. Section 92882 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

AOM-43 Essentials of Business Communication

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

92835 Pirtle, T Online
Comments: Section 92835 is held 04/04/22 to 05/20/22. Section 92835 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92881 Pirtle, T Online
Comments: Section 92881 is held 02/22/22 to 04/01/22. Section 92881 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92883 Pirtle, T Online
Comments: Section 92883 is held 02/22/22 to 04/01/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-928088, AOM-58A-92857, and VIRT-51-92889. Section 92883 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

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 memos, letters, envelopes, tables, and reports.

Online

92009 Staff, M Online
Comments: Section 92009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: cynthia.blackmore@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.

92884 Garcia Martinez, J Online
Comments: Section 92884 is held 03/09/22 to 05/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92884 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

92885 Garcia Martinez, J Online
Comments: Section 92885 is held 03/09/22 to 05/09/22. Section 92885 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

AOM-50C Learn to Type

1.0 units: 18.0 hours lec.

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

Online

92800 Garcia Martinez, J Online
Comments: Section 92800 is held 01/10/22 to 02/07/22. Section 92800 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

92886 Garcia Martinez, J Online
Comments: Section 92886 is held 01/10/22 to 02/07/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92886 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

AOM-52C Keyboarding Speed & Accuracy

1.0 units: 18.0 hours lec.

This course is designed to increase keyboarding speed and accuracy through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy.

Online

92815 Garcia Martinez, J Online
Comments: Section 92815 is held 02/08/22 to 03/09/22. Section 92815 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

92839 Staff, M Online
Comments: Section 92839 is held 03/14/22 to 05/20/22. Section 92839 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: cynthia.blackmore@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.

92887 Garcia Martinez, J Online
Comments: Section 92887 is held 02/08/22 to 03/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-928086, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92887 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

AOM-56 Office Procedures

3.0 units: 54.0 hours lec.

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

Online

92460 Staff, M Online
Comments: Section 92460 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sonja.downing@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.

92888 Pirtle, T Online
Comments: Section 92888 is held 01/10/22 to 02/18/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92888 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92899 Pirtle, T Online
Comments: Section 92899 is held 01/10/22 to 02/18/22. Section 92899 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

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

92510 Staff, M Online
Comments: Section 92510 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sonja.downing@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.

92857 Garcia Martinez, J Online
Comments: Section 92857 is held 03/10/22 to 05/11/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92857 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

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

92858 Garcia Martinez, J Online
Comments: Section 92858 is held 03/10/22 to 05/11/22. Section 92858 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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.

Ag Business (AGBS)

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

32333 Baskins, S Online
Comments: Section 32333 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sarah.baskins@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.

Agriculture (AGRI)

AGRI-10 Agriculture, Environment, & Society

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

32950 Doo, T Online
Comments: Section 32950 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: taylor.doo@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.

Allied Health (ALLH)

ALLH-67 Medical Terminology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

42700 Provencio, G Online
Comments: Section 42700 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: provencio.p@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.

42710 Provencio, G Online
Comments: Section 42710 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: provencio.p@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.

to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72011 Fragasso, G Online

American Sign Language (ASLG)

ASLG-01 Beginning American Sign Language

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

22352 Chambers, K Online

Comments: Section 22352 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: krystle.chambers@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.

Anthropology (ANTH)

ANTH-02 Sociocultural Anthropology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52001 Osborn, S Online

Comments: Section 52001 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.osborn@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52002 Osborn, S Online

Comments: Section 52002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.osborn@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72013 Deeming, K Online

Comments: Section 72013 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: karen.deeming@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.

Archaeology (ARCH)

ARCH-01 Introduction to Archaeology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52003 Crandall, J Online

Comments: Section 52003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: james.crandall@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 (ART)

ART-01 Survey of Western Art, Prehistory-Middle

3.0 units: 54.0 hours lec.

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

Advised 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

52004 Warner-Davies, M Online

Comments: Section 52004 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.warner-davies@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.

ART-02 Survey of Western Art From Renaissance To Contemporary

3.0 units: 54.0 hours lec.

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

Advised 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

52005 Cooper, T Online

Comments: Section 52005 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tricia.cooper@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.

72015 Cooper, T Online

Comments: Section 72015 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tricia.cooper@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.

ART-06 Survey of Modern Art

3.0 units: 54.0 hours lec.

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

Advised 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

52006 Serpa, B Online

Comments: Section 52006 will be offered remotely and has a

web component requiring internet access; additional fees may apply. Contact: benjamin.serpa@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.

ART-15 Design: 2-D Foundations

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

52007 Warner-Davies, M Online
Comments: Section 52007 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.warner-davies@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.

ART-24A Fundamentals of Drawing

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52008 Isho, D Online
Comments: Section 52008 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.isho@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.

52009 Disch, S Online
Comments: Section 52009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Stephanie.disch@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.

52080 Macaraeg, E Online
Comments: Section 52080 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: edwin.macaraeg@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.

72019 Grubaugh, C Online
Comments: Section 72019 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: carson.grubaugh@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.

ART-24B Intermediate Drawing

3.0 units: 36.0 hours lec, 54.0 hours lab.

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

Advised Previously taken ENGL-85AC 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

52010 Isho, D Online
Comments: Section 52010 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.isho@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.

52011 Disch, S Online
Comments: Section 52011 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Stephanie.disch@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.

52081 Macaraeg, E Online
Comments: Section 52081 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: edwin.macaraeg@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.

72021 Grubaugh, C Online
Comments: Section 72021 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: carson.grubaugh@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.

Art - Digital (ARTD)

ARTD-07 History of Graphic Design

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC is advised.

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

Online

52012 Perlin, A Online
Comments: Section 52012 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Alana.perlin@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.

Astronomy (ASTR)

ASTR-01 Principles of Astronomy

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A 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

12301 Davies, R Online
Comments: Section 12301 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: davies.r@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.

12324 Pourtarvirdi, Z Online
Comments: Section 12324 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

ASTR-01L Introductory Astronomy Lab

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Take ASTR-01

Advised 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

12302 Davies, R Online
Comments: Section 12302 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: davies.r@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.

Automotive Technology (AUTO)
AUTO-04 Automotive Mechanics

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 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

32054 Barnard, R Online
Comments: Section 32054 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: randy.barnard@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.

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

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

12303 Goodfellow, K Online
Comments: Section 12303 will be offered remotely and has a

web component requiring internet access; additional fees may apply. Contact: goodfellow.k@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.

12315 Schneider, B Online
Comments: Section 12315 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brenda.schneider@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.

12316 Macias, M Online
Comments: Section 12316 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: macias.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.

12317 Macias, M Online
Comments: Section 12317 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: macias.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.

12318 Macias, M Online
Comments: Section 12318 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: macias.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.

12319 Reed, E Online
Comments: Section 12319 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.reed@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.

12320 Reed, E Online
Comments: Section 12320 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.reed@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.

72025 Doust, A Online
Comments: Section 72025 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: atousa.doust@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.

72027 Doust, A Online
Comments: Section 72027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: atousa.doust@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.

BIOL-09 Introduction to Genetics

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

12321 Albano, V Online

Comments: Section 12321 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: valerie.albano@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.

BIOL-50 Survey of Anatomy & Physiology

3.0 units: 54.0 hours lec.

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

12322 Albano, V Online

Comments: Section 12322 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: valerie.albano@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.

Business (BUS)**BUS-10 Introduction to Business**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken AOM-30 and 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

92307 Haugen, A Online

Comments: Section 92307 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: haugen.a@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. COMMENTS: Students must log into the course or contact the instructor within the first four days of semester to avoid being dropped. View the syllabus available in Canvas.

BUS-18A Business Law

4.0 units: 72.0 hours lec.

Prerequisite: *Advised* 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

92210 Staff, M Online

Comments: Section 92210 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: amanda.matisfoss@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.

BUS-35 Money Management

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

72043 Snipes, R Online

Comments: Section 72043 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: snipes.r@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.

Business - Non-Credit (BUSN)**BUSN-752 Introduction to Microcomputers**

0.0 units: .

This course will introduce students to microcomputers and the Windows software environment. Students will learn to identify the components of desktop screens, learn to execute basic computer commands. The class may also cover internet browsing, email, website navigation, and downloading files. This course is 24 to 288 hours in duration.

Online

95920

F 09:00a-11:00a Murillo Meraz, O CLS-CLS
Comments: Section 95920 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

95921

F 09:00a-11:00a Murillo Meraz, O CLS-CLS
Comments: Section 95921 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.

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

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

Online

12304 Tenn, B Online

Comments: Section 12304 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brandon.tenn@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.

12305 Tenn, B Online

Comments: Section 12305 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brandon.tenn@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.

12306 Tenn, B Online

Comments: Section 12306 will be offered remotely and has a web component requiring internet access; additional fees may

apply. Contact: brandon.tenn@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.

- 12307 Tenn, B Online
Comments: Section 12307 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brandon.tenn@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.
- 12308 Djamali, E Online
Comments: Section 12308 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: essmail.djamali@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.
- 12309 Djamali, E Online
Comments: Section 12309 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: essmail.djamali@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.
- 72045 Khurana, S Online
Comments: Section 72045 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.
- 72047 Khurana, S Online
Comments: Section 72047 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.

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

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised Previously taken ENGL-85AC 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

- 12310 Weathers, A Online
Comments: Section 12310 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.
- 12311 Weathers, A Online
Comments: Section 12311 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.

CHEM-04A General Chemistry I

5.0 units: 54.0 hours lec, 108.0 hours lab.

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

Advised Previously taken ENGL-85AC 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

- 12312 Weathers, A Online
Comments: Section 12312 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.
- 12313 Weathers, A Online
Comments: Section 12313 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.weathers@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.
- 72049 Khurana, S Online
Comments: Section 72049 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.

Child Development (CLDV)

CLDV-01 Child Growth and Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

Examines the major physical, cognitive, social and emotional developmental milestones for children, typical and atypical, from conception through adolescence. Emphasis on interactions between maturational processes and environmental factors. Students will observe children, evaluate individual differences and analyze characteristics of development at various stages according to developmental theories.

Online

- 42260 Brace, K Online
Comments: Section 42260 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.
- 42261 McCarrick, S Online
Comments: Section 42261 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.
- 42281 Brace, K Online
Comments: Section 42281 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.

42287

Th 05:30p-09:20p Staff, M CLS-CLS
 Comments: Section 46600 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended- please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: libby.soria@mccd.edu for course-specific questions. This class may have a web component which requires internet access.

CLDV-02 Child, Family and Community

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community while emphasizing cultural, historical and socio-cultural contexts.

Online

42262

McCarrick, S Online
 Comments: Section 42262 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.

42282

McCarrick, S Online
 Comments: Section 42282 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.

42288

Hardy, L Online
 Comments: Section 46601 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.hardy@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.

CLDV-03 Principles and Practices of Teaching Young Children

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take CLDV-01

Historical contexts and theoretical perspectives of developmentally and culturally appropriate practice in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally and culturally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development.

Online

42263

Patton, M Online
 Comments: Section 42263 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

42283

Patton, M Online

Comments: Section 42283 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

CLDV-04 Observation and Assessment

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CLDV-01; Minimum grade C,P;

Required Take CLDV-03

Advised Previously taken ENGL-01A is advised.

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. Prepares Early Childhood Educators to incorporate observation, documentation and assessment into their daily classroom practices. How to use findings to inform classroom environments, interactions and curriculum will be emphasized. Various assessment tools and techniques to be used with typical and atypically developing children will be covered. The importance of collaborating with families and community professionals will be addressed.

Online

42271

Cruthird, A Online
 Comments: Section 42271 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrea.cruthird@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 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.

42289

Mininger, V Online
 Comments: Section 49616 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vanessa.mininger@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 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.

CLDV-05 Health, Safety and Nutrition

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

Laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management.

Online

42268

Patton, M Online
 Comments: Section 42268 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

42284

Brace, K Online
 Comments: Section 42284 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.

CLDV-06 Teaching in A Diverse Society

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

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

42264 McCarrick, S Online
Comments: Section 42264 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.

42285 McCarrick, S Online
Comments: Section 42285 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stacey.mccarrick@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.

CLDV-07 Introduction to Curriculum for the Young Child

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take CLDV-03

Advised Previously taken ENGL-01A is advised.

Developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings.

Online

42272 Mininger, V Online
Comments: Section 42272 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: vanessa.mininger@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.

42286 Brace, K Online
Comments: Section 42286 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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.

CLDV-07L Practicum

3.0 units: 18.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* 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. Demonstration of 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. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities.

Online

42273 Heft, A Online
Comments: Section 42273 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.heft@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 enrolled in CLDV 07L will participate in 6 hours of virtual lab online each week to equal a total of 6 hours per week of lab experience.

42274 Heft, A Online
Comments: Section 42274 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: april.heft@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 enrolled in CLDV 07L will participate in 6 hours of virtual lab online each week to equal a total of 6 hours per week of lab experience.

CLDV-09 Human Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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

42265 Bluett-Murphy, V Online
Comments: Section 42265 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

42275 Patton, M Online
Comments: Section 42275 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

42276 Clifford, J Online
Comments: Section 42276 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford.j@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.

42277 Huddleston, A Online
Comments: Section 42277 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: allen.huddleston@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.

49615 Clifford, J Online
Comments: Section 49615 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.

49617 Bluett-Murphy, V Online
Comments: Section 49617 will be held from 1/10/22-3/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

49618 Bluett-Murphy, V Online

Comments: Section 49618 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

CLDV-11 Introduction to Curriculum and Strategies in Early Intervention

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CLDV-01; Minimum grade C,P;

Limitation on Enrollment: According to SB746, students must provide immunization documentation as required by California State law to work or volunteer in a child care facility. Examines curriculum and early intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence.

Online

42279 Brace, K Online

Comments: Section 42279 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kirsty.brace@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 enrolled in CLDV-11 will participate in 3 hours of virtual lab online each week to equal a total of 3 hours per week of lab experience.

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

2.0 units: 36.0 hours lec.

Prerequisite: *Required* Previously taken CLDV-01 and passed with a minimum grade of C or received an equivalent.

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. Course supports advancement on the Child Development Permit Matrix.

Online

42280 Cruthird, A Online

Comments: Section 42279 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrea.cruthird@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.

CLDV-56 School-Age Development

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken CLDV-01 and passed with a minimum grade of C or received an equivalent

This introductory course on school-age development covers an overview of school-age care; the school-age professional; school-age theory and development ages 5-13; current issues facing school-age children; guidance of school-age children; regulations and program quality; and developing partnerships with communities and families. Students will participate in observations of school-age children and programs.

Online

49619 Hardy, L Online

Comments: Section 49619 is held from 01/10/22-03/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.

hardy@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.

CLDV-56L School-Age Development Practicum

3.0 units: 18.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Take CLDV-56

Limitation on Enrollment: As per California law SB792, all volunteers and staff who work in early care development facilities must provide documented verification of mandatory immunizations and proof of a negative TB test. All documentation must be verified prior to working directly with young children ages 0-5yrs. School-age programs will be studied for purposes of planning experiences, which encourage physical, cognitive, social and emotional growth. The laboratory will consist of supervised work in a selected school-age care program and is designed to offer students continued and increased opportunities in working with children ages 5-12 years old. This course is required for the School-Age Certificate.

Online

49620 Hardy, L Online

Comments: Section 49620 is held from 01/10/22-03/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.hardy@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 enrolled in CLDV-56L will participate in 6 hours of virtual lab online each week to equal a total of 6 hours per week of lab experience.

CLDV-65B Ca Preschool Foundations and Frameworks: Math

1.0 units: 18.0 hours lec.

Introduction to the mathematics domain of the California Preschool Learning Foundations and Frameworks including the strands of number sense, algebra and functions, measurement, geometry, and mathematical reasoning. Provides strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49621 Soria, L Online

Comments: Section 49621 is held from 1/10/22-2/18/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

CLDV-65C Ca Preschool Foundations and Frameworks: Science

1.0 units: 18.0 hours lec.

Introduces the science domain of the California Preschool Learning Foundations and Frameworks including the strands of scientific inquiry, physical, life, and earth sciences and provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49622 Soria, L Online

Comments: Section 49622 is held from 2/21/22-4/1/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

CLDV-65D Ca Preschool Foundations & Frameworks: History and Social Science

1.0 units: 18.0 hours lec.

Introduction to the history and social science domain of the California Preschool Learning Foundations and Frameworks including strands of self and society, civics, history, geography, ecology, and economics. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49623 Soria, L Online

Comments: Section 49623 is held from 4/4/22-5/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

Communication Studies (COMM)

COMM-01 Fundamentals of Speech

3.0 units: 54.0 hours lec.

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

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

22010 Ward, M Online

Comments: Section 22010 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Matthew.ward@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.

22308 Amarillas, M Online

Comments: Section 22308 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.amarillas@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.

22309 Ramsey, R Online

Comments: Section 22309 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: reed.ramsey@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.

22800 Bonstein, J Online

Comments: Section 22800 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bonstein.j@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.

22801 Bonstein, J Online

Comments: Section 22801 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bonstein.j@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.

72059 Cheek, G Online

Comments: Section 72059 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: griffin.cheek@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.

72061 Cavallero, D Online

Comments: Section 72061 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daniel.cavallero@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.

72063 Cavallero, D Online

Comments: Section 72063 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daniel.cavallero@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.

COMM-04 Small Group Discussion & Problem Solving

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken ENGL-85AC and passed with a C or received an equivalent.

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

22253 Ramsey, R Online

Comments: Section 22253 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: reed.ramsey@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.

22312 Ramsey, R Online

Comments: Section 22312 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: reed.ramsey@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.

COMM-05 Interpersonal Communication

3.0 units: 54.0 hours lec.

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

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

22210 Ward, M Online

Comments: Section 22210 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.ward@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.

22211 Ward, M Online

Comments: Section 22211 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: matthew.ward@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.

- 22318 Online
Comments: Section 22318 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxx.xx@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.
- 22325 Online
Comments: Section 22325 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxx.xx@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.
- 72065 Cheek, G Online
Comments: Section 72069 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: griffin.cheek@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.

Computer Science (CPSC)

CPSC-01 Introduction to Computer Information Systems

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 12101 Staff, M Online
Comments: Section 12101 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.
- 12102 Staff, M Online
Comments: Section 12102 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.
- 12103 Staff, M Online
Comments: Section 12103 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.
- 12105 Staff, M Online
Comments: Section 12105 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

CPSC-05A Application Development and Programming

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 12110 Staff, M Online
Comments: Section 12110 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

CPSC-06 Programming Concepts and Methodology I

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MATH-C or MATH-61; Minimum grade C,P;

Advised Previously taken CPSC-01 and ENGL-85AC 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

- 12111 Staff, M Online
Comments: Section 12111 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.
- 12112 Kanemoto, K Online
Comments: Section 12112 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kanemoto.k@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.
- 12113 Staff, M Online
Comments: Section 12113 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

CPSC-39 Programming Concepts and Methodology II

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised 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

- 12115 Kanemoto, K Online
Comments: Section 12115 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kanemoto.k@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.

Computer Tech and Info Systems (CTIS)

CTIS-03 Information and Communication Technology Essentials

4.0 units: 36.0 hours lec, 108.0 hours lab.

This course provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for the CompTIA+ certification exams.

Online

12118 Kanemoto, K Online

Comments: Section 12118 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kanemoto.k@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.

CTIS-04 Programming With Python

3.0 units: 36.0 hours lec, 54.0 hours lab.

An introduction to the fundamental concepts and basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience. Python is a dynamic, object oriented language, is perfect for beginner and also meets industry needs.

Online

12120 Celly, B Online

Comments: Section 12120 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

CTIS-20 Introduction to Information Systems Security

3.0 units: 27.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken CTIS-15 and passed with a minimum grade of C or received an equivalent.

An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams. This course is 4 of 4 in the Google IT Support Professional Certificate and course 4 or 4 in the CCNA certificate,

Online

12810 Celly, B Online

Comments: Section 12810 is held from 02/21/22 to 04/01/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

CTIS-22 Digital Forensics Fundamentals

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken CTIS-20 and passed with a C or received an equivalent.

This course is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered include an overview of computer forensics as a profession; the computer investigation process; understanding operating systems boot processes and disk structures; data acquisition and analysis; technical writing; and a review of familiar computer forensics tools.

Online

12811 Celly, B Online

Comments: Section 12811 is held from 04/04/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

Criminal Justice (CRIM)

CRIM-01 Criminology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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

42278 Johnson, M Online

Comments: Section 42278 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.johnson702@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.

72077 Hilliard, D Online

Comments: Section 72077 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devon.hilliard@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.

CRIM-03 Criminal Procedures

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken CRIM-02 and passed with a minimum grade of C -- AND --- Previously taken 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

42269 Johnson, M Online

Comments: Section 42209 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.johnson702@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.

CRIM-06 Introduction to Evidence

3.0 units: 54.0 hours lec.

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

Advised Previously taken 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

42270 Johnson, M Online

Comments: Section 42270 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.johnson702@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.

CRIM-08 Introduction to Investigation

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-85AC 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

72079 Hilliard, D Online

Comments: Section 72079 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devon.hilliard@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.

Drama (DRAM)

DRAM-01 Introduction to Theater

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52013 McCue-Bryx, L Online

Comments: Section 52013 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lauren.mccue-bryx@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.

Economics (ECON)

ECON-01 Introduction to Microeconomics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken ENGL-85AC ---AND--- MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C are advised

Advised 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

52014 Carter, J Online

Comments: Section 52014 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: john.carter1767@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.

52015 Serpa, C Online

Comments: Section 52015 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: caitlin.serpa@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. SEE INSTRUCTOR BEFORE PURCHAS-

ING MATERIALS.

52016 Carter, J Online

Comments: Section 52016 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: john.carter1767@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.

52813 Serpa, C Online

Comments: Section 52813 is held 3/14/22 TO 5/20/22. it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: caitlin.serpa@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.

ECON-02 Introduction to Macroeconomics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

Advised 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

52017 Serpa, C Online

Comments: Section 52017 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: caitlin.serpa@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. SEE INSTRUCTOR BEFORE PURCHAS-

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

32608 Hamilton, A Online

Comments: Section 32608 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.

32609 Hamilton, A Online

Comments: Section 32609 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.

ELCT-58 Electrical Printreading for Installation and Troubleshooting

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ELCT-52; Minimum grade C,P;
 Advised Previously taken ELCT-41 ELCT-42A and INDT-35 is advised.

This course is a study in electrical print reading for installing and troubleshooting electrical systems presents foundational print reading skills needed to install and troubleshoot commercial and industrial electrical systems and equipment.

Online

32300 Hamilton, A Online

Comments: Section 32300 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.

Engineering (ENGR)**ENGR-30 Introduction to Engineering**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

12323 Gargova, S Online

Comments: Section 12323 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargova.s@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.

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

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Previously taken 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

Advised 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

22000 Truesdale, D Online

Comments: Students must also register for ENGL-95S-22001. Section 22000 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22002 Truesdale, D Online

Comments: Students must also register for ENGL-95S-22003. Section 22002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22004 Truesdale, D Online

Comments: Students must also register for ENGL-95S-22005. Section 22004 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: diana.truesdale@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.

22006 Fries, M Online

Comments: Students must enroll in ENGL-95S-22007. Section 22006 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

22008 Fries, M Online

Comments: Students must also register for ENGL-95S-22009. Section 22008 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

22012 Online

Comments: Students must also register for ENGL-95S-22013.

22014 Online

Comments: Students must also register for ENGL-95S-22015.

22100 Kahlert, S Online

Comments: Section 22100 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahlert@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.

22101 Kahlert, S Online

Comments: Section 22101 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahlert@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.

22102 Kahlert, S Online

Comments: Section 22102 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahlert@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.

22103 Flatt, S Online

Comments: Section 22103 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: flatt.s@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.

22104 Mumford, J Online

Comments: Section 22104 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mumford.j@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.

22105 Hundley, A Online

Comments: Section 22105 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: hundley.a@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.			cific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.		
22106	Hundley, A	Online	Comments: Section 22106 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: hundley.a@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.	22116	Brown, G	Online	Comments: Section 22116 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@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.
22107	Daughdrill, J	Online	Comments: Section 22107 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daughdrill.j@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.	22117	Brown, G	Online	Comments: Section 22117 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@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.
22108	Baker, W	Online	Comments: Section 22108 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: baker.w@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.	22118	Epstein-Corbin, S	Online	Comments: Section 22118 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.epstein-corbin@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.
22109	Baker, W	Online	Comments: Section 22109 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: baker.w@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.	22119	Epstein-Corbin, S	Online	Comments: Section 22119 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sean.epstein-corbin@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.
22110	Baker, W	Online	Comments: Section 22110 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: baker.w@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.	22128	Epstein-Corbin, S	Online	Comments: Section 22128 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: Sean.epstein-corbin@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or (209) 381-6565.
22111	Ortiz, K	Online	Comments: Section 22111 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Keri.ortiz@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.	22164		Online	Comments: CONTACT: xxxx@mccd.edu
22112	Ortiz, K	Online	Comments: Section 22112 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Keri.ortiz@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.	72087	Nelson, K	Online	Comments: Section 72087 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.
22113	Rempel, D	Online	Comments: Section 22113 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.	72089	Nelson, K	Online	Comments: Section 72089 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.
22114	Rempel, D	Online	Comments: Section 22114 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.	72091	Nelson, K	Online	Comments: Section 72091 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.
22115	Brown, G	Online	Comments: Section 22115 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@mccd.edu for course-spe-	72093	Johnston, J	Online	Comments: Section 72093 requires students to register for ENGL-95S-72121 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.

72095 Long, J Online
Comments: Section 72095 requires students to register for ENGL-95S-72123 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

72097 Long, J Online
Comments: Section 72097 requires students to register for ENGL-95S-72125 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

ENGL-01B Introduction to Literature

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

22126 Baker, W Online
Comments: CONTACT: Baker.w@mccd.edu
22127 Epstein-Corbin, S Online
Comments: CONTACT: sean.epstein-corbin@mccd.edu
72109 Chavez, C Online
Comments: Section 72109 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.

79037 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79037 is held 01/10/22 to 03/11/22 and has a web component requiring internet access; additional fees may apply.

ENGL-01C Critical Thinking Across the Curriculum

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ENGL-01A; Minimum grade C,P;
Develops critical thinking, reading, and writing skills as they apply to textual analysis of primary and secondary sources, essays, articles, and a book-length work from a range of academic and cultural contexts. Theme based. Emphasis on the techniques and principles of effective written argument in research-based writing across the disciplines.

Online

22139 Withers, M Online
Comments: Contact: meg.withers@mccd.edu

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

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-01B is advised.

This course examines the origins and subsequent developments of world literatures and cultures from 1650 to the present through various literary genres and cultural traditions. Primary focus will fall on major works of certain periods and of geographic origins. Students will engage in comparative analysis and evaluation of the literary works as well as close

study of the works in addition to the study of each text's merits.

Online

22140 Online
Comments: Section 22140 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxxxx@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.

ENGL-07 Studies in Literature: Poetry

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-01B is advised.

This course traces origins and developments of the poem as a major literary genre. Course includes an intensive study of the poetic process. Poems from ancient times to the present are analyzed in terms of form, idea, and language.

Online

22142 Rocha, M Online
Comments: Section 22142 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rocha.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.

ENGL-11 American Literature from Post-Civil War to Present

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-01B is advised.

This course is designed to introduce students to the history and variety of American literature from the end of the 1865 to the present. Representative works of major and influential authors are read as examples of various genres, literary movements, and historical eras.

Online

22143 Fries, M Online
Comments: Section 22143 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

ENGL-12 Creative Writing

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-01B is advised.

A course designed to provide experience in the writing of poetry, drama, fiction, and creative non-fiction and to aid the student in becoming aware of the craft of writing as described and/or demonstrated by professional writers. The class is conducted primarily as a workshop in which students read their works for constructive criticism.

Online

22144 Brown, G Online
Comments: Section 22144 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.brown2328@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.

ENGL-13 Critical Reasoning and Writing

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

- 22146 Piro, V Online
Comments: Section 22146 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: piro.v@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.
- 22148 Mumford, J Online
Comments: Section 22148 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mumford.j@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.
- 22150 Withers, M Online
Comments: Section 22150 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.
- 22152 Withers, M Online
Comments: Section 22152 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.
- 22154 Online
Comments: Section 22154 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.
- 22156 Online
Comments: Section 22155 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.
- 72113 Nelson, K Online
Comments: Section 72113 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.
- 72115 Chavez, C Online
Comments: Section 72115 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.
- 72117 Chavez, C Online
Comments: Section 72117 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.

- 79039 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79039 is held 03/14/22 to 05/20/22 and has a web component requiring internet access; additional fees may apply.

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

- 22160 Koepnick, S Online
Comments: Section 22160 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stephanie.koepnick@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.
- 22161 Koepnick, S Online
Comments: Section 22161 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stephanie.koepnick@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.
- 72083 Long, J Online
Comments: Section 72083 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

ENGL-95S Enhanced Academic Literacy

2.0 units: 36.0 hours lec.

Prerequisite: *Required* 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

- 22001 Truesdale, D Online
Comments: Students must register for ENGL-01A-22000. Section 22001 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxxx@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.
- 22003 Truesdale, D Online
Comments: Students must also register for ENGL-01A-22002. Section 22003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxxx@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.
- 22005 Truesdale, D Online

Comments: Students must also register for ENGL-01A-22004. Section 22005 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: xxxx@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.

22007 Fries, M Online

Comments: Students must also enroll in ENGL-01A-22006. Section 22007 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

22009 Fries, M Online

Comments: Students must also register for ENGL-01A-22008. Section 22009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: melissa.fries@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.

22013 Online

Comments: Students must also register for ENGL-01A-22012.

22015 Online

Comments: Students must also register for ENGL-01A-22014.

72121 Johnston, J Online

Comments: Section 72121 requires students to register for ENGL-01A-72093 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.

72123 Long, J Online

Comments: Section 72123 requires students to register for ENGL-01A-72095 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

72125 Long, J Online

Comments: Section 72125 requires students to register for ENGL-01A-72097 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

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: Section 95169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joann.melo@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.

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.

Online

95170 Melo, J Online

Comments: Section 95170 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joann.melo@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.

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: Section 95171 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joann.melo@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.

ENG-801 Beginning ESL Skills

0.0 units: .

This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/oral skills and visual reinforcement. Course duration is 204 - 288 hours.

Online

95022 Allen, R Online

Comments: Section 95022 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rebecca.allen@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.

95026 Ramos Avalos, S Online

Comments: Section 95026 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

95035 Sanchez-Navarro, Z Online

Comments: Section 95035 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.

95038 Sanchez-Navarro, Z Online

Comments: Section 95038 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.

- 95049 MTWTh 09:00a-12:00p Cervantes Juan, M CLS-CLS
Comments: Section 95049 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95057 Lourenco, C Online
Comments: Section 95057 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.
- 95095 MTWTh 09:00a-11:30a Murillo Meraz, O CLS-CLS
Comments: Section 95095 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95099 MTWTh 06:00p-08:00p Murillo Meraz, O CLS-CLS
Comments: Section 95099 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95107 MWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95107 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95118 T 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95118 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

ENG-802 Advanced-Beginning ESL Skills

0.0 units: .

This course is for preliteracy and nonliteracy 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 - 288 hours.

Online

- 95023 Allen, R Online
Comments: Section 95023 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rebecca.allen@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.
- 95027 Ramos Avalos, S Online
Comments: Section 95027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.
- 95036 Sanchez-Navarro, Z Online
Comments: Section 95036 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.

technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

- 95039 Sanchez-Navarro, Z Online
Comments: Section 95039 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
- 95050 MTWTh 09:00a-12:00p Cervantes Juan, M CLS-CLS
Comments: Section 95050 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95058 Lourenco, C Online
Comments: Section 95058 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.
- 95096 MTWTh 09:00a-11:30a Murillo Meraz, O CLS-CLS
Comments: Section 95096 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95100 MTWTh 06:00p-08:00p Murillo Meraz, O CLS-CLS
Comments: Section 95100 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95108 MWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95108 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95119 T 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95119 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

ENG-813 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 - 288 hours.

Online

- 95024 Allen, R Online
Comments: Section 95024 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rebecca.allen@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.
- 95028 Ramos Avalos, S Online
Comments: Section 95028 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

- 95040 Sanchez-Navarro, Z Online
Comments: Section 95040 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
- 95047 Sanchez-Navarro, Z Online
Comments: Section 95047 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
- 95051 MTWTh 09:00a-12:00p Cervantes Juan, M CLS-CLS
Comments: Section 95051 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95079 Lourenco, C Online
Comments: Section 95079 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.
- 95097 MWTh 09:00a-11:30a Murillo Meraz, O CLS-CLS
Comments: Section 95097 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95101 MTWTh 06:00p-08:00p Murillo Meraz, O CLS-CLS
Comments: Section 95101 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95109 MTWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95109 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95120 Th 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95120 will be offered remotely and has a

web component requiring internet access; additional fees may apply. Contact: sergio.amos@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.

ENG-815 Intermediate ESL Skills

0.0 units: .

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. Course duration is 204 - 288 hours.

Online

- 95025 Allen, R Online
Comments: Section 95025 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rebecca.allen@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.
- 95029 Ramos Avalos, S Online
Comments: Section 95029 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.amos@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.
- 95041 Sanchez-Navarro, Z Online
Comments: Section 95041 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
- 95048 Sanchez-Navarro, Z Online
Comments: Section 95048 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarr@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.
- 95052 MWTh 09:00a-12:00p Cervantes Juan, M CLS-CLS
Comments: Section 95052 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95080 Lourenco, C Online
Comments: Section 95080 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: catarina.lourenco@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.
- 95098 MTWTh 09:00a-11:30a Murillo Meraz, O CLS-CLS
Comments: Section 95098 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95102 MTWTh 06:00p-08:00p Murillo Meraz, O CLS-CLS
Comments: Section 95102 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: olga.murillo344@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.
- 95110 MWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95110 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.cervantes2700@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.
- 95121 Th 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95121 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sergio.ramos@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.

ENG-822 Foundations in Academic Literacy I for Non-Native Speakers

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

- 95112 Lankford, T Online
Comments: Section 95112 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: taylor.lankford@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.

Ethnic Studies (ETHN)

ETHN-20 History of Asian Americans

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

Online

- 52077 Doria, L Online
Comments: Section 52077 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lorraine.doria@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.

G.E.D. - Non-Credit (GED)

GED-101 Basic Skills Development and Ged Preparation

0.0 units: .

This 204-288 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

- 95066 Castro, M Online
Comments: Section 95066 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marisela.miranda-lom@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.
- 95067 Martinez, M Online
Comments: Section 95067 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maricela.martine1118@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.

Geography (GEOG)

GEOG-01 Physical Geography

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 52057 Chambers, D Online
Comments: Section 52057 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: david.chambers@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.

GEOG-02 World Geography

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

- 52058 Chambers, D Online
Comments: Section 52058 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: david.chambers@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.

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.

Online

- 22475 Schreiber, A Online
Comments: Section 22475 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: anne.schreiber@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.

GERN-02 Elementary German II

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Previously taken GERN-01 or two years of high school German and passed with a minimum grade of C or received an equivalent.

GERN-02 is the continuation of GERN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in German basic functions of everyday life.

Online

22476

Schreiber, A Online

Comments: Section 22476 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: anne.schreiber@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.

Guidance (GUID)

GUID-30 Foundations and Strategies For College Success

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

72133

Fuentes, C Online

Comments: Section 72133 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: christina.fuentes403@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.

72135

Mendiola, M Online

Comments: Section 72135 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: monica.mendiola@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.

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	Th	05:00p-06:30p	Fuentes, C	CLS-CLS
	Th	04:00p-05:00p	Fuentes, C	CLS-CLS
	Th	04:30p-07:00p	Fuentes, C	CLS-CLS

Health (HLTH)

HLTH-10 Contemporary Health

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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

42060

Devine, N Online

Comments: Section 42060 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devine.n@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.

49360

Casey, R Online

Comments: Section 49360 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

History (HIST)

HIST-04A World History Part 1

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52018

Nystrom, E Online

Comments: Section 52018 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: eric.nystrom@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.

52801

Arnold, T Online

Comments: Section 52801 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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.

HIST-04B World History Part 2

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52019

Hampton, C Online

Comments: Section 52019 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: caleb.hampton@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.

52802

Arnold, T Online

Comments: Section 52802 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.

arnold@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.

HIST-17A United States History and United States Constitution

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

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| 52020 | Kocolas, T | Online |
| Comments: Section 52020 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kocolas.t@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. | | |
| 52021 | Jackson, M | Online |
| Comments: Section 52021 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.jackson@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. | | |
| 52022 | Harvey, E | Online |
| Comments: Section 52022 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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. | | |
| 52023 | Wheeler, J | Online |
| Comments: Section 52023 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jake.wheeler@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. | | |
| 52024 | Hoyt, A | Online |
| Comments: Section 52024 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrew.hoyt@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. | | |
| 52082 | Nystrom, E | Online |
| Comments: Section 52082 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: eric.nystrom@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. | | |
| 52083 | Purcell, C | Online |
| Comments: Section 52083 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: purcell.c@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. | | |
| 52084 | Seymour, D | Online |
| Comments: Section 52084 will be offered remotely and has a web component requiring internet access; additional fees may | | |

apply. Contact: david.seymour@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.

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|---|-----------|--------|
| 52803 | Arnold, T | Online |
| Comments: Section 52803 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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. | | |
| 72141 | Staff, M | Online |
| Comments: Section 72141 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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. | | |
| 72143 | Staff, M | Online |
| Comments: Section 72143 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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. | | |
| 72145 | Staff, M | Online |
| Comments: Section 72145 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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. | | |

HIST-17B United States History and California State and Local Government

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

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| 52025 | Connors, J | Online |
| Comments: Section 52025 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@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. | | |
| 52026 | Harvey, E | Online |
| Comments: Section 52026 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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. | | |
| 52027 | Jackson, M | Online |
| Comments: Section 52027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.jackson@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 | Lorenz, M | Online |
| Comments: Section 52028 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lorenz.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. | | |
| 52079 | Driskill, D | Online |

Comments: Section 52079 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: daniel.driskill@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.

52085 Wheeler, J Online

Comments: Section 52085 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jake.wheeler@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.

72147 Staff, M Online

Comments: Section 72147 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

77455 Gardner, J Online

Comments: This section is limited to LBHS, PACHS & DPHS AB288/CCAP students. Section 77455 is held from 01/24/22 to 05/20/22, and will be offered remotely with a web component requiring internet access; additional fees may apply. Contact: jennifer.gardner@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.

HIST-20 History of Asian Americans

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

Online

52078 Doria, L Online

Comments: Section 52078 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lorraine.doria@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.

HIST-22 History of Black Americans

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is a social, cultural, political, and intellectual history of the Black American experience in America. This survey course examines the Black American experience through the dual lens of historical and ethnic studies perspectives-combining both to provide a deep range of views into the complex interaction of Black Americans in the American context. This course begins with the African origins of the Black American experience and follows that experience up to today. In particular, this course examines the historical record of the Black American experience in the context of the lived experience seen through the eyes of such figures as: Equiano, Jacobs, Tubman, Douglass, Washington, Wells, Du Bois, Randolph, Hurston, King, Hamer, Malcolm X, Baldwin, etc. Additionally, this course gives primacy to a full breadth of scholarship on the Black American experience from such seminal thinkers and observers of the Black American condition in the American context such as: Du Bois, Woodson, King, Baldwin, Franklin, Carmichael, Morrison, Davis, Angelou, Patterson, Gates, Foner, Lewis, Blight, Walker, Wilkerson, McWhorter, Kendi, Hannah Jones, etc.

Online

52029 Jackson, M Online

Comments: Section 52029 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.jackson@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.

HIST-29 History of California

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52030 Harvey, E Online

Comments: Section 52030 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52814 Hampton, C Online

Comments: Section 52814 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: caleb.hampton@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.

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

95033 Sanchez-Navarro, Z Online

Comments: Section 95033 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: zaira.sanchez-navarro@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.

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

22482 Ly, C Online

Humanities (HUM)**HUM-02 Studies in Humanities--Renaissance to Present**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised

The principal aims of this course are to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine the continuities of human endeavors through fine arts, literatures, philosophies, religions, and the sciences, with an integration of certain non-Western cultures.

Online

22260 Staff, M Online
Comments: CONTACT: barnes.l@mccd.edu

72151 Long, J Online
Comments: Section 72151 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: long.j@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.

HUM-02H Honors Studies in Humanities-- Renaissance to Present

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

Online

22261 Staff, M Online
Comments: CONTACT: Barnes.l@mccd.edu

Kinesiology (KINE)**KINE-01 Introduction to Kinesiology**

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

42610 McCall, S Online
Comments: Section 42610 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mcall.s@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.

42611 McCall, S Online
Comments: Section 42611 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mcall.s@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.

KINE-02 First Aid and CPR for the Professional Rescuer

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

42612 McCall, S Online
Comments: CONTACT: mcall.s@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 08:00am-9:00pm; COMMENTS: 3 Lecture hours per week will be held online. Section 42612 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

42605 Casey, J Online
Comments: Section 42605 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.j@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.

42606 Devine, N Online
Comments: Section 42606 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: devine.n@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.

42607 Casey, J Online
Comments: Section 42607 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.j@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.

42608 Casey, R Online
Comments: Section 42608 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

42609 Casey, J Online

42698 Casey, R Online
Comments: Section 42698 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

42699 Huddleston, A Online
Comments: Section 42699 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: huddleston.a@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.

72155 Talley, E Online

Comments: Section 72155 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.talley@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.

Liberal Studies (LBST)

LBST-10 Introduction to Education I

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

22335 Pimentel, M Online
Comments: Section 22335 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

22336 Pimentel, M Online
Comments: Section 22336 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

22337 Pimentel, M Online
Comments: Section 22337 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

Management (MGMT)

MGMT-31 Principles of Management

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

92042 Casey, R Online

Comments: Section 92042 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

MGMT-33 Elements of Effective Leadership

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken AOM-30 and ENGL-85AC is advised.

This course deals primarily with the techniques of leadership in organizational settings. Topics discussed include leadership styles, the behavioral aspects of leadership, and effective leadership characteristics.

Online

92169 Pistoiresi, J Online
Comments: Section 92169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

0.5 units: 9.0 hours lec.

This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

Online

92811 Pistoiresi, J Online
Comments: Section 92811 is held 03/03/22 to 03/17/22. Section 92811 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50B Values and 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

92805 Pistoiresi, J Online
Comments: Section 92805 is held 05/12/22 and 05/19/22. Section 92805 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

92843 Pistoiresi, J Online
Comments: Section 92843 is held 03/15/22 to 03/29/22. Section 92843 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50D Communication in the Workplace

0.5 units: 9.0 hours lec.

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

Online

92810 Pistoiresi, J Online

Comments: Section 92810 is held 01/20/22 and 01/27/22. Section 92810 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

92844 Pistoiresi, J Online

Comments: Section 92844 is held 04/05/22 to 04/26/22. Section 92844 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50F Team Building

0.5 units: 9.0 hours lec.

This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

Online

92803 Pistoiresi, J Online

Comments: Section 92803 is held 03/24/22 and 03/31/22. Section 92803 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

92802 Pistoiresi, J Online

Comments: Section 92802 is held 02/17/22 and 02/24/22. Section 92802 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50I Attitude in the Workplace

0.5 units: 9.0 hours lec.

This course is designed to provide students with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

Online

92840 Pistoiresi, J Online

Comments: Section 92840 is held 01/11/22 to 01/25/22. Section 92840 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50K Generational Diversity: Managing Cross Generational Teams

0.5 units: 9.0 hours lec.

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

Online

92806 Pistoiresi, P Online

Comments: Section 92806 is held 02/03/22 and 02/17/22. Section 92806 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.p@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.

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

0.5 units: 9.0 hours lec.

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

Online

92809 Pistoiresi, J Online

Comments: Section 92809 is held 05/02/22 to 05/19/22. Section 92809 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

92842 Pistoiresi, J Online

Comments: Section 92842 is held 02/22/22 to 03/08/22. Section 92842 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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."

MGMT-50P Emotional Intelligence

0.5 units: 9.0 hours lec.

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

Online

92808 Pistoiresi, P Online

Comments: Section 92808 is held 04/07/22 to 04/21/22.

Section 92808 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.p@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.

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

92841 Pistoresi, J Online
Comments: Section 92841 is held 02/01/22 to 02/15/22. Section 92841 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.j@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.

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

92804 Pistoresi, J Online
Comments: Section 92804 is held 04/14/22 to 04/28/22. Section 92804 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.j@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.

Mathematics (MATH)

MATH-02 Precalculus

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Previously taken MATH-25 or MATH-95P and passed with minimum grade of C,P. OR Concurrently enrolled in MATH-95P.

Advised Previously taken ENGL-85AC 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

12001 Gargova, S Online
Comments: Section 12001 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargova.s@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.

12501 Albert, M Online
Comments: Section 12501 requires students to register for MATH-95P-12502 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.albert@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.

MATH-04A Calculus I

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-02 or MATH-02H; Minimum grade C,P;

Advised 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

12003 Reali, J Online
Comments: Section 12003 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jofawna.reali@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.

MATH-04B Calculus II

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-04A Minimum grade C,P;

Advised 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

72195 Shumaker, N Online
Comments: Section 72195 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

MATH-04C Multivariable Calculus

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-04B Minimum grade C,P;

Advised Previously taken ENGL-85AC 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

72197 Shumaker, N Online
Comments: Section 72197 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

MATH-10 Elementary Statistics

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-85AC 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

12009 Bruley, M Online
Comments: Section 12009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bruley.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.

- 12010 Clark, J Online
Comments: Section 12010 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clark.j@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.
- 12012 Rieg, K Online
Comments: Section 12012 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kristen.rieg@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.
- 12013 Bruley, M Online
Comments: Section 12013 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bruley.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.
- 12018 Diaz, L Online
Comments: Section 12018 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lisa.diaz@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.
- 12503 Rieg, K Online
Comments: Section 12503 requires students to register for MATH-95S-12504 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kristen.rieg@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.
- 12801 Dawson, C Online
Comments: Section 12801 is held from 01/10/22 to 02/18/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: dawson.c@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.
- 12802 Dawson, C Online
Comments: Section 12802 is held from 02/23/22 to 04/01/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: dawson.c@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.
- 12803 Mitchell, P Online
Comments: Section 12803 is held from 02/07/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: patrick.mitchell@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.
- 12806 Montoya, J Online
Comments: Section 12806 is held from 03/14/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: montoya.j@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.

MATH-15 Finite Mathematics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62, or MATH-95F with minimum grade of C/P. OR Concurrently enrolled in MATH-95F.

Advised Previously taken ENGL-85AC 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

- 12020 Diaz, L Online
Comments: Section 12020 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: lisa.diaz@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.
- 12805 Navarro, I Online
Comments: Section 12805 is held from 04/04/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: ivan.navarro@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.

MATH-20A Basic Structure of Mathematics I

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62 or MATH-95A with minimum grade of C/P. OR Concurrently enrolled in MATH-95A.

Advised Previously taken ENGL-85AC 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

- 12022 Mohan, R Online
Comments: Section 12022 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mohan.r@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.

MATH-20B Basic Structure of Mathematics II

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62, or MATH-95B with a minimum grade C,P. OR Concurrently enrolled in MATH-95B.

Advised Previously taken ENGL-85AC 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

- 12023 Real, J Online
Comments: Section 12023 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jofawna.real@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.

MATH-61 Beginning and Intermediate Algebra for STEM

6.0 units: 108.0 hours lec.

Prerequisite: *Required* Take MATH-80; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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

12026 Mitchell, P Online
Comments: Section 12026 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: patrick.mitchell@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.

72169 Shumaker, N Online
Comments: Section 72169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

MATH-62 Beginning and Intermediate Algebra for Liberal Arts

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Take MATH-80; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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

12027 Meidinger, S Online
Comments: Section 12027 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meidinger.s@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.

12029 Saad, B Online
Comments: Section 12029 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bassem.saad@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.

2037 Montoya, J Online
Comments: Section 12037 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: montoya.j@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.

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, inte-

gers, 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

72161 Staff, M Online
Comments: Section 72161 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

72163 Staff, M Online
Comments: Section 72163 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

MATH-88 Preparation for Elementary Statistics

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take Math-80; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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

72165 Staff, M Online
Comments: Section 72165 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

MATH-95P PreCalculus Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-02.

Required Concurrently enrolled in MATH-02 AND Either: Previously taken MATH-25 or equivalent and passed with a minimum grade of C or P. Or: Received specific placement into MATH-02 with MATH-95P.

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

12502 Albert, M Online
Comments: Section 12502 requires students to register for MATH-02-12501 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.albert@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.

MATH-95S Statistics Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* 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

12504 Rieg, K Online
 Comments: Section 12504 requires students to register for MATH-10-12503 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kristen.rieg@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.

MATH-C Intermediate Algebra

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-A or MATH-81. Minimum grade C,P;

Advised Previously taken 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

12035 Meidinger, S Online
 Comments: Section 12035 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meidinger.s@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.

12036 Mohan, R Online
 Comments: Section 12036 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mohan.r@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.

12038 Albert, M Online
 Comments: Section 12038 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: maria.albert@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.

72167 Shumaker, N Online
 Comments: Section 72167 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.shumaker@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.

Mathematics - Non-Credit (MAT)**MAT-101 Math I: Operations of Whole Numbers 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 MW 05:00p-06:30p Bell, S CLS-CLS
 Comments: Section 95062 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended-please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bell.s@mccd.edu for course-specific questions.

MAT-102 Math II: Applications of Whole Numbers 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

95063 MW 05:00p-06:30p Bell, S CLS-CLS
 Comments: Section 95063 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended-please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bell.s@mccd.edu for course-specific questions.

Music: General (MUSG)**MUSG-10 Music Fundamentals**

3.0 units: 54.0 hours lec.

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

52031 Wallace, E Online
 Comments: Section 52031 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.wallace@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.

52032 Simon, A Online
 Comments: Section 52032 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alexander.simon@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-14 American Popular Music History

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52033 Doiel, M Online
 Comments: Section 52033 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52034 Doiel, M Online
 Comments: Section 52034 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52035	Dahman, N	Online	Comments: Section 52035 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Nathaniel.dahman@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.
52036	Wallace, E	Online	Comments: Section 52036 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: emily.wallace@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.
52037	Simon, A	Online	Comments: Section 52037 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alexander.simon@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.
52805	Keane, F	Online	Comments: Section 52805 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: Keane.f@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.
72221	Gomes, K	Online	Comments: Section 72221 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kara.gomes@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-15 Music Appreciation

3.0 units: 54.0 hours lec.

A survey of art & popular music in western civiliz

Online

52067	Keane, F	Online	Comments: Section 52067 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.
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Nutrition (NUTR)

NUTR-10 Nutrition

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

32002	Hobbs, J	Online	Comments: Section 32002 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.
32348	Tassey, E	Online	Comments: Section 32348 will be offered remotely and has

a web component requiring internet access; additional fees may apply. Contact: erin.tassey@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.

32349	Hobbs, J	Online	Comments: Section 32349 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.
32911	Pecchenino, M	Online	Comments: Section 32911 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.
32920	Pecchenino, M	Online	Comments: Section 32920 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

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

32965	Pecchenino, M	Online	Comments: Section 32965 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.
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NUTR-45 Introduction to Medical Nutrition Therapy

2.0 units: 36.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is designed to acquaint students with therapeutic and modified diets used in health care 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 and plans to become a Certified Dietary Manager. It is especially beneficial for those planning employment in health care institutions and is recommended for nursing students.

Online

32915	Pecchenino, M	Online	Comments: Section 32915 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.
32916	Pecchenino, M	Online	

Comments: Section 32916 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

NUTR-46 Sports and Exercise Nutrition

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

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

Online

32009 Hobbs, J Online
Comments: Section 32009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.

Philosophy (PHIL)

PHIL-10 Critical Thinking

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

22162 Rempel, D Online
Comments: CONTACT: denise.rempel@mccd.edu
22163 Rempel, D Online
Comments: CONTACT: denise.rempel@mccd.edu
22167 Alvarez, J Online
Comments: Section 22167 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jacqueline.alvarez@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.

PHIL-12 Introduction to Logic

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

22168 Deering, M Online
Comments: Section 22168 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.deering@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.
22169 Deering, M Online
Comments: Section 22169 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.deering@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.

PHIL-13 Critical Reasoning and Writing

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

22147 Piro, V Online
Comments: Section 22147 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: piro.v@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.
22149 Mumford, J Online
Comments: Section 22149 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mumford.j@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.
22151 Withers, M Online
Comments: Section 22151 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.
22153 Withers, M Online
Comments: Section 22153 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meg.withers@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.
22155 Online
Comments: Section 22155 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.
22157 Online
Comments: Section 22157 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: denise.rempel@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.
72227 Nelson, K Online
Comments: Section 72227 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.nelson@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.
72229 Chavez, C Online
Comments: Section 72229 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.

- 72231 Chavez, C Online
Comments: Section 72231 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: chavez.c@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.
- 79089 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79089 is held 03/14/22 to 05/20/22 and has a web component requiring internet access; additional fees may apply.

PHIL-15 Comparative Religions

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

- 22170 Ekizian Barton, A Online
Comments: Section 22170 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Adrian.Ekizianbarton@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.

Photography (PHOT)

PHOT-10A Introduction to Photography

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

- 52087 Sousa, J Online
Comments: Section 52087 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jay.sousa@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. PHOT-10A requires that students provide their own SLR film camera.
- 52089 Sousa, J Online
Comments: Section 52087 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jay.sousa@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. PHOT-10A 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.

Prerequisite: *Advised* 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

- 52088 Gwartney, J Online
Comments: Section 52988 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gwartney.j@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. PHOT-11A requires that students provide their own DSLR or point and shoot digital camera and pay a \$30 materials fee.

PHOT-33 The History of Photography

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

- 52038 Cooper, T Online
Comments: Section 52038 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tricia.cooper@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.

Physical Science (PHSC)

PHSC-01 Introduction to Physical and Earth Science

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A 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

- 12325 Pourtarvirdi, Z Online
Comments: Section 12325 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtavirdi@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.

PHSC-02 Survey of Chemistry and Physics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, OR MATH-62 and passed with a minimum grade of C or received an equivalent.

Advised Previously taken ENGL-01A 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

- 12331 Evans, T Online
Comments: Section 12325 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: timothy.evans@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.

PHSC-02L Survey of Chemistry and Physics Laboratory

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Take PHSC-02.

Required Previously taken MATH-C, MATH-61, or MATH-62 and passed with a minimum grade of C or received an equivalent.

Advised Previously taken ENGL-ENGL-01A 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

12334 Evans, T Online

Comments: Section 12334 will be offered remotely and has a web component requiring access; additional fees may apply. Contact: timothy.evans@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.

12335 Evans, T Online

Comments: Section 12335 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: timothy.evans@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.

Physics (PHYS)**PHYS-02B General Physics II**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take PHYS-02A Minimum grade C,P;

Advised 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

72257 Khurana, S Online

Comments: Section 72257 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khurana@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.

PHYS-04A Physics I

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MATH-04A; Minimum grade C,P;

Advised Previously taken ENGL-01A 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

12326 Pourtarvirdi, Z Online

Comments: Section 12326 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

12327 Pourtarvirdi, Z Online

Comments: Section 12327 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

72259 Huff, A Online

Comments: Section 72259 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alison.huff@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.

PHYS-04B Physics II

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take PHYS-04A, MATH-04B; Minimum grade C,P;

Required Take MATH-04B

Advised Previously taken ENGL-01A advised.

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

Online

12328 Pourtarvirdi, Z Online

Comments: Section 12328 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

72261 Huff, A Online

Comments: Section 72261 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alison.huff@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.

PHYS-04C Physics III

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MATH-04B ANDPHYS-04B; MINIMUM GRADE C,P;

Advised Previously taken ENGL-01A is advised.

PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.

Online

12329 Pourtarvirdi, Z Online

Comments: Section 12329 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Zaya.Pourtarvirdi@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.

Plant Science (PLSC)**PLSC-10 Elements of Plant Science**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

This course is designed to provide the students with a working knowledge of fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

Online

32068 Codd, A Online
Comments: Section 32068 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: andrew.codd@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.

Political Science (POSC)

POSC-01 Essentials of American Political System

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52039 Patterson, E Online
Comments: Section 52039 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: elizabeth.patterson@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.

52040 Mayate-Deandreis, L Online
Comments: Section 52040 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52041 Patterson, E Online
Comments: Section 52041 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: elizabeth.patterson@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.

52806 Carlson, J Online
Comments: Section 52806 is held from 03/14/22 to 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: jon.carlson@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.

72271 Gardner, J Online
Comments: Section 72271 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.gardner@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.

72273 Staff, M Online
Comments: Section 72273 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Psychology (PSYC)

PSYC-01A Introduction to Psychology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52042 Murphy, J Online
Comments: Section 52042 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joel.murphy@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.

52043 Rodriguez, A Online
Comments: Section 52043 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: antonio.rodriguez@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.

52044 Adams, H Online
Comments: Section 52044 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: heather.adams2213@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.

52045 Huddleston, A Online
Comments: Section 52045 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: allen.huddleston@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.

52046 Gargano, G Online
Comments: Section 52046 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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.

52068 Salazar, R Online
Comments: Section 52068 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rene.salazar@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52074 Patterson, A Online
Comments: Section 52074 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alesia.patterson@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.

52807 Adams, H Online
Comments: Section 52807 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: heather.adams2213@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.

52808 Rodriguez, A Online
Comments: Section 52808 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: antonio.rodriguez@mccd.edu for course-specific questions. For additional information and technical assistance to log into online

72281 classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.
Staff, M Online
Comments: Section 72281 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

PSYC-01B Introduction to Psychological Research Methods

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P;

Advised 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

52047 Daniel, M Online
Comments: Section 52047 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52048 Williamson, L Online
Comments: Section 52048 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: linda.williamson@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.

52069 Bera, S Online
Comments: Section 52069 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

PSYC-05 Introduction to Statistics in Psychology

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-61 or MATH-62 or MATH-88 or MATH-C and passed with a minimum grade C,P.

Advised 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

52049 Bera, S Online
Comments: Section 52049 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: stephan.bera@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.

52050 Gargano, G Online
Comments: Section 52050 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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.

(209) 381-6565. Section 52050 requires students to register for PSYC-95S-52056.

52075 Gargano, G Online
Comments: Section 52075 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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.

PSYC-09 Human Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52051 Huddleston, A Online
Comments: Section 52051 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: allen.huddleston@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.

52052 Clifford, J Online
Comments: Section 52052 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford.j@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.

52265 Bluett-Murphy, V Online
Comments: Section 52265 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

52275 Patton, M Online
Comments: Section 52275 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patton@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.

52809 Clifford, J Online
Comments: Section 52809 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.

59617 Bluett-Murphy, V Online
Comments: Section 59617 will be held from 01/10/22-3/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

59618 Bluett-Murphy, V Online
Comments: Section 59618 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

PSYC-22 Human Sexuality

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52053 Clifford, J Online

Comments: Section 52053 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford.j@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.

52070 Engelke, V Online

Comments: Section 52070 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

52810 Engelke, V Online

Comments: Section 52810 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: vicki.engelke@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.

PSYC-23 Personal and Social Adjustment

3.0 units: 54.0 hours lec.

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

52071 Bernard, E Online

Comments: Section 52071 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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

52072 Engelke, V Online

Comments: Section 52072 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

PSYC-25 Introduction to Abnormal Psychology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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 mal-adaptive behavior.

Online

52054 Murphy, J Online

Comments: Section 52054 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joel.murphy@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.

PSYC-36 Developmental Psychology: Adolescence

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

52055 Clifford, J Online

Comments: Section 52055 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: clifford.j@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.

52811 Clifford, J Online

Comments: Section 52811 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.

PSYC-95S Statistics Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in PSYC-05

Advised 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

52056 Gargano, G Online

Comments: Section 52056 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gargano.g@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. Section 52056 requires students to register for PSYC-05-52050.

Registered Nurse (REGN)

REGN-18 Pharmacology in Nursing Practice

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take REGN-15

Advised 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

Comments: Section 42000 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: wanda.schindler@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.

Sociology (SOC)**SOC-01 Introduction to Sociology**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course provides an introduction into what it means to be sociologically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologists apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Online

- 52059 Bishop, K Online
Comments: Section 52059 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: katelynn.bishop@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.
- 52060 Gabriella, A Online
Comments: Section 52060 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: anakira.gabriella@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.
- 52061 Maples, I Online
Comments: Section 52061 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: inga.maples@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.
- 52062 Saich, E Online
Comments: Section 52062 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saich.b@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.
- 52063 Saich, E Online
Comments: Section 52063 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saich.b@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.
- 52076 Olson, K Online
Comments: Section 52076 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kurt.olson@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.
- 72307 Deeming, K Online
Comments: Section 72307 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: karen.deeming@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.

SOC-02 Contemporary Social Problems

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

- 52064 Botts, J Online
Comments: Section 52064 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: james.botts@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 Botts, J Online
Comments: Section 52812 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: james.botts@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.

SOC-03 Marriage and the Family

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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

- 52065 Bishop, K Online
Comments: Section 52065 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: katelynn.bishop@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.
- 52066 Olson, K Online
Comments: Section 52066 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kurt.olson@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.
- 72313 Deeming, K Online
Comments: Section 72313 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: karen.deeming@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.

SOC-04 Introduction to Gender

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised

Sociological analysis of the social construction of gender, masculinity, and femininity historically and cross-culturally. This course examines the debates on sex and gender. It analyzes the impact of economic and political change on gender expectations and practices. It focuses on macro-analyses of how institutions shape gender and microanalysis of how individuals are socialized and how they "do" and practice gender.

Online

- 52086 Bishop, K Online
Comments: Section 52086 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: katelynn.bishop@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.

SOC-06 Introduction to Crime

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised
Sociological analysis of crime, criminal behavior, and the criminal justice system. Explores the history and social construction of crime and criminality and examines the definition of crime and its violations as well as the laws and methods used to control criminal behavior. Discuss measurement of crime and basic theoretical explanations of criminal behavior.

Online

72315 Coahran, S Online

Comments: Section 72315 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

Soil Science (SOIL)

SOIL-10 Soil Science

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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

32097 Bell, S Online

Comments: Section 32097 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bell.s@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.

32746 Bell, S Online

Comments: Section 32746 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bell.s@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.

Spanish (SPAN)

SPAN-01 Elementary Spanish I

5.0 units: 90.0 hours lec.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

Online

22331 Colomer-Flores, M Online

Comments: This class may have a web component which requires internet access. CONTACT: Colomer-flores.m@mccd.edu

22333 Estrada, A Online

Comments: Section 22333 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Alberto.estrada@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.

22340 Colomer-Flores, M Online

Comments: Section 22340 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Colomer-flores.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.

22341 Sobalvarro, N Online

Comments: Section 22341 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sobalvarro.n@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.

22342 Colomer-Flores, M Online

Comments: Section 22342 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Colomer-flores.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.

22343 Sobalvarro, N Online

Comments: Section 22343 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sobalvarro.n@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.

22348 Allen, M Online

Comments: Section 22348 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: monica.allen@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.

72321 Staff, M Online

Comments: Section 72321 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

SPAN-02 Elementary Spanish II

5.0 units: 90.0 hours lec.

Prerequisite: *Required* 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

22344 Kreide, C Online

Comments: Section 22344 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kreide.c@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.

SPAN-10 Spanish for Spanish Speakers I

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Take SPAN-02 or the equivalent; Minimum Grade C,P;

Advised 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

72327 Calderon Aragon, R Online

Comments: Section 72327 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: rodrigo.calderon@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.

Virtual Office (VIRT)**VIRT-50 Virtual Office**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken BUS-10 is advised.

Learn how to become an independent contractor/freelancer in the virtual world.

Online

92381 Staff, M Online

Comments: Section 92381 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sonja.downing@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.

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

92801 Pirtle, T Online

Comments: Section 92801 is held 04/11/22 to 05/20/22. Section 92801 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92889 Pirtle, T Online

Comments: Section 92889 is held 01/10/22 to 02/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92889 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92890 Pirtle, T Online

Comments: Section 92890 is held 01/10/22 to 02/09/22. Section 92890 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

VIRT-55 Social Media Marketing and Strategy

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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

92829 Pirtle, T Online

Comments: Section 92829 is held 02/14/22 to 03/18/22. Section 92829 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

Water/Wastewater Technology (WWT)**WWT-62 Water/Wastewater Calculations**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A and MATH-80 is advised.

This course provides for the mastery of mathematical calculations, specifically involving water and wastewater treatment plant operations and processes. It incorporates the use of handheld calculator, scientific notation, and the use of dimensional analysis as tools of problem solving. This course prepares the student to test for state certification for waste water treatment plant operator, grade I and II (entry level).

Online

12782 Jorritsma, C Online

Comments: Section 12782 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: curtis.jorritsma@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.

WWT-63 Advanced Water Treatment Plant Operations

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take WWT-60 Minimum grade C,P;

Advised Previously taken ENGL-85AC is advised.

This course is a continuation of the study of water treatment plant operations and processes, with emphasis on the knowledge and skills needed by operators of conventional surface and ground treatment. Topics include control of metallic ions, trihalomethanes, disposal of wastes in the operation of water plants, instrumentation and advanced laboratory procedures, safety and drinking water regulations. Provides background to prepare students to take state certification exams.

Online

12783 Jorritsma, C Online

Comments: Section 12783 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: curtis.jorritsma@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.

WWT-64 Advanced Wastewater Treatment

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take WWT-61 Minimum grade C,P;

This course is a continuation of the study of wastewater treatment plant operations and processes. It will emphasize the details of the process that occur in a wastewater treatment plant, including aeration, maintenance of microbe populations, sludge digestions, and chemical removal.

Online

12784 Jorritsma, C Online

Comments: Section 12784 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: curtis.jorritsma@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.

ONLINE CLASSES

ONLINE CLASSES

ONLINE CLASSES

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Honors Classes

History (HIST)

HIST-17BH Honors United States History and California State and Local Government

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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 examines our national, state, and local history and government from the late 19th century to the present. There will be an emphasis on academic rigor, analytical research, writing, critical thinking, and collaborative learning.

Merced Campus

51050 TTh 11:00a-12:15p Lorenz, M IAC-146

Honors (HNRS)

HNRS-40B Honors Seminar: Native American Philosophy

2.0 units: 36.0 hours lec, .

Limitation on Enrollment: Enrollment in the Honors Program. This course will focus on the in-depth discussion and analysis of a topic of interest to honors program students. Students may repeat the class four times.

Merced Campus

21251 T 02:00p-03:50p Hallman, M IAC-109

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

Humanities (HUM)

HUM-02H Honors Studies in Humanities-- Renaissance to Present

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

Online

22261 Johnson, B Online

Comments: CONTACT: Brian.johnson7720@mccd.edu

Philosophy (PHIL)

PHIL-01H Honors Introduction to Philosophy

3.0 units: 54.0 hours lec, .

Prerequisite: *Required* Take ENGL-01A; Minimum Grade C,P;

This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values. These topics will be discussed through reading primary philosophical texts taken from the traditional and modern Western philosophical canon, as well as from non-canonical sources. There will be an emphasis on philosophical research and writing. Students taking this class must be enrolled in the Honors Program. See the college catalog for a description of enrollment requirements.

Merced Campus

21362 TTh 11:00a-12:15p Hallman, M IAC-109

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

Los Banos Campus

Ag Business (AGBS)

AGBS-18 Agricultural Computer Applications

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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.

Los Banos Campus

78017 M 05:30p-07:20p Baffunno, M LB-A-108
W 05:30p-08:20p Baffunno, M LB-A-108

Comments: Section 78017 has a web component requiring internet access; additional fees may apply.

Allied Health (ALLH)

ALLH-63 Nurse Assistant

6.0 units: 63.0 hours lec, 135.0 hours lab.

Limitation on Enrollment: 1. Orientation Workshop 2. CPR Card-Module AC 3. Negative TB Screening test within past 6 months or negative chest x-ray within past year 4. Physical within past 6 months 5. DOJ fingerprint clearance 6. Penal Code Violations Clearance. The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities. The course emphasizes care of the older adult client, assistance with the activities of daily living, bathing, dressing, exercise movement, eating, eliminating safety measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

Los Banos Campus

74021 Th 05:00p-08:15p Lima, B LB-B-138
S 06:30a-04:20p Lima, B LB-B-138

Comments: ALLH-63 requires a mandatory orientation. Go to <http://www.mccd.edu/academics/alliedhealth/nurse-assistant> for more information. Section 74020 lab hours are held at New Bethany Skilled Nursing facility; 1441 Berkeley Dr., Los Banos or Los Banos Nursing Rehab facility; Idaho Ave., Los Banos and includes a 30-minute lunch break.

Biology (BIOL)

BIOL-02 Human Biology

4.0 units: 54.0 hours lec, 54.0 hours lab.

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.

Los Banos Campus

72717 - Ward, W LB-B-102
W 11:00a-01:50p Ward, W
Comments: Section 72717 is a hybrid class. 3 hours of lecture a week will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-1:50p; LB-B102. CONTACT: wendy.ward@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.

72719 - Ward, W LB-B-102
W 05:30p-08:20p Ward, W
Comments: Section 72719 is a hybrid class. 3 hours of lecture a week will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Wednesdays; 05:30p-08:20p; LB-B102. CONTACT: wendy.ward@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.

BIOL-16 General Human Anatomy

4.0 units: 36.0 hours lec, 108.0 hours lab.

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

Los Banos Campus

72725 - Ward, W LB-B-104
TTh 05:30p-08:20p Ward, W
Comments: Section 72725 is a hybrid class. 3 hours of lecture a week will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 05:30p-08:20p; LB-B104. CONTACT: wendy.ward@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.

72727 - Schroeder, K LB-B-104
MW 11:00a-01:50p Schroeder, K
Comments: Section 72727 is a hybrid class. 2 hours of lecture a week 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-1:50p; LB-B104. CONTACT: katherine.schroeder@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.

72729 - Schroeder, K LB-B-104
MW 02:00p-04:50p Schroeder, K
Comments: Section 72729 is a hybrid class. 2 hours of lecture a week 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-4:50p; LB-B104. CONTACT: katherine.schroeder@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.

BIOL-18 Principles of Physiology

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CHEM-02A and ENGL-85AC or ENGL-01A; Take BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; Take Math-C or MATH-61 or MATH-62. Minimum Grade C,P.

This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

Los Banos Campus

72731 - Schroeder, K LB-B-102
Th 02:00p-04:50p
Comments: Section 72731 is a hybrid class. 3 hours of lecture a week will be offered remotely and has a web component requiring internet access; additional fees may apply. IN-CLASS SESSIONS: Lab; Thursdays; 02:00p-4:50p; LB-B102. CONTACT: katherine.schroeder@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.

BIOL-20 Microbiology

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* 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-85AC 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.

Los Banos Campus

72733 - Ward, W LB-B-104
TTh 11:00a-01:50p
Comments: Section 72733 is a hybrid class. 2 hours of lecture a week 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; LB-B104. CONTACT: wendy.ward@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.

Business (BUS)**BUS-18A Business Law**

4.0 units: 72.0 hours lec.

Prerequisite: *Advised* 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.

Los Banos Campus

74099 MW 05:30p-07:20p Singh, R LB-B-135

Chemistry (CHEM)**CHEM-04B General Chemistry II**

5.0 units: 54.0 hours lec, 108.0 hours lab.

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

Advised Previously taken ENGL-01A 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.

Los Banos Campus

72737 - Khurana, S LB-B-105
TTh 11:00a-01:50p
Comments: CONTACT: saheba.khurana@mccd.edu IN-

CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00p-01:50p; LB-B105. COMMENTS: 3 Lecture hours per week will be held online and has a web component requiring internet access; additional fees may apply.

Child Development (CLDV)**CLDV-02 Child, Family and Community**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community while emphasizing cultural, historical and socio-cultural contexts.

Los Banos Campus

78119 T 05:30p-08:20p Rocha, J LB-B-136
Comments: Section 78119 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: *Advised* Previously taken ENGL-01A is advised.

This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status. Students will demonstrate strategies for helping children negotiate and resolve conflicts with a focus on using an anti-bias approach in the classroom.

Los Banos Campus

78127 W 05:30p-08:20p Rocha, J LB-B-134
Comments: Section 78127 has a web component requiring internet access; additional fees may apply.

CLDV-07 Introduction to Curriculum for the Young Child

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take CLDV-03

Advised Previously taken ENGL-01A is advised.

Developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings.

Los Banos Campus

78129 Th 05:30p-08:20p Rocha, J LB-B-136
Comments: Section 78129 has a web component requiring internet access; additional fees may apply.

CLDV-09 Human Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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.

Los Banos Campus

74133 F 09:00a-11:50a Staff, M LB-B-107
Comments: Section 74133 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: *Required* Previously taken ENGL-85AC and passed with a minimum grade C or received an equivalent.

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.

Los Banos Campus

74145	MW	02:00p-03:15p	Cheek, G	LB-B-101
Comments: Section 74145 has a web component requiring internet access; additional fees may apply.				
78145	T	05:30p-08:20p	Cheek, G	LB-B-111
Comments: Section 78145 has a web component requiring internet access; additional fees may apply.				

COMM-04 Small Group Discussion & Problem Solving

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken ENGL-85AC and passed with a C or received an equivalent.

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.

Los Banos Campus

74151	TTh	02:00p-03:15p	Cheek, G	LB-B-111
Comments: Section 74151 has a web component requiring internet access; additional fees may apply.				

Criminal Justice (CRIM)

CRIM-01 Criminology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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.

Los Banos Campus

74161	T	05:30p-08:20p	Singh, R	LB-B-134
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Economics (ECON)

ECON-02 Introduction to Macroeconomics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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

Advised 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.

Los Banos Campus

78181	MW	05:30p-06:45p	McNally, T	LB-B-106
Comments: Section 78181 has a web component requiring internet access; additional fees may apply.				

Education - Non-Credit (EDU)

EDU-112C Skills Acquisition for Student Success - Allied Health

0.0 units: .

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

Los Banos Campus

95116	Th	03:30p-07:30p	Mehat, S	LB-B-134
	F	03:00p-07:00p	Mehat, S	LB-B-134

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

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

95635	F	08:30a-12:30p	Rentfrow, R	
	F	01:30p-04:30p	Rentfrow, R	

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

English (ENGL)

ENGL-01A College Composition and Reading

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Previously taken 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

Advised 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.

Los Banos Campus

74201	MW	02:00p-03:50p	Staff, M	LB-B-137
Comments: Section 74201 has a web component requiring internet access; additional fees may apply.				
74203	TTh	08:00a-09:50a	Staff, M	LB-B-137
Comments: Section 74203 has a web component requiring internet access; additional fees may apply.				
74205	TTh	12:00p-01:50p	Staff, M	LB-B-137
Comments: Section 74205 has a web component requiring internet access; additional fees may apply.				
74207	TTh	02:00p-03:50p	Staff, M	LB-B-137
Comments: Section 74207 requires students to register for ENGL-95S-74251 has a web component requiring internet access; additional fees may apply.				
74209	TTh	11:00a-12:50p	Johnston, J	LB-B-136
Comments: Section 74209 requires students to register for ENGL-95S-74253 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.				
78201	MW	05:30p-07:20p	Staff, M	LB-B-137
Comments: Section 78201 requires students to register for ENGL-95S-78521 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.				

ENGL-01B Introduction to Literature

3.0 units: 54.0 hours lec.

Prerequisite: *Required* 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.

Los Banos Campus

74231 TTh 11:00a-12:15p Staff, M LB-B-111
 Comments: Section 74231 has a web component requiring internet access; additional fees may apply.

ENGL-13 Critical Reasoning and Writing

3.0 units: 54.0 hours lec.

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

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

Los Banos Campus

74241 MW 02:00p-03:15p Staff, M LB-B-136
 Comments: Section 74241 has a web component requiring internet access; additional fees may apply.

74243 TTh 09:30a-10:45a Johnston, J LB-B-106
 Comments: Section 74243 has a web component requiring internet access; additional fees may apply.

74247 F 09:00a-11:50a Staff, M LB-B-135
 Comments: Section 74247 has a web component requiring internet access; additional fees may apply.

ENGL-95S Enhanced Academic Literacy

2.0 units: 36.0 hours lec.

Prerequisite: *Required* 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.

Los Banos Campus

74251 TTh 04:00p-04:50p Staff, M LB-B-137
 Comments: Section 74251 requires students to register for ENGL-01A-74207 has a web component requiring internet access; additional fees may apply.

74253 TTh 01:00p-01:50p Johnston, J LB-B-136
 Comments: Section 74209 requires students to register for ENGL-95S-74253 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: johnston.j@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.

78521 MW 07:30p-08:20p Staff, M LB-B-137
 Comments: Section 78521 requires students to register for ENGL-01A-78201 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

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

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Los Banos Campus

74285 TTh 08:00a-09:15a Staff, M LB-B-111
 Comments: Section 74285 has a web component requiring internet access; additional fees may apply.

74295 MW 09:30a-10:45a Murillo, R LB-B-135
 Comments: Section 74395 has a web component requiring internet access; additional fees may apply.

GUID-45 Pathways to Transfer

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC is advised.

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

Los Banos Campus

72743 T 08:00a-09:15a Fuentes, C LB-B-135
 Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 72743 has a web component requiring internet access; additional fees may apply.

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

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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.

Los Banos Campus

78301 TTh 05:30p-06:45p Talley, E LB-B-135
 Comments: Section 78301 has a web component requiring internet access; additional fees may apply.

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

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Los Banos Campus

78313 M 05:30p-08:20p Staff, M LB-B-134
 Comments: Section 78313 has a web component requiring internet access; additional fees may apply.

HIST-17A United States History and United States Constitution

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Los Banos Campus

74317 TTh 02:00p-03:15p McNally, T LB-B-134
 Comments: Section 74317 has a web component requiring internet access; additional fees may apply.

HIST-17B United States History and California State and Local Government

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Los Banos Campus

74319	MW	02:00p-03:15p	McNally, T	LB-B-107
Comments: Section 74319 has a web component requiring internet access; additional fees may apply.				
74321	TTh	09:30a-10:45a	Gardner, J	LB-B-107
Comments: Section 74321 has a web component requiring internet access; additional fees may apply.				

Mathematics (MATH)

MATH-02 Precalculus

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Previously taken MATH-25 or MATH-95P and passed with minimum grade of C/P. OR Concurrently enrolled in MATH-95P.

Advised Previously taken ENGL-85AC 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.

Los Banos Campus

74393	MW	10:00a-11:50a	Bryan, J	LB-B-107
Comments: Section 74393 requires students to register for MATH-95P-74411 has a web component requiring internet access; additional fees may apply.				

MATH-04A Calculus I

4.0 units: 72.0 hours lec.

Prerequisite: *Required* Take MATH-02 or MATH-02H; Minimum grade C,P;

Advised Previously taken ENGL-01A is advised.

This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

Los Banos Campus

74397	MW	02:00p-03:50p	Bryan, J	LB-B-135
Comments: Section 74397 has a web component requiring internet access; additional fees may apply.				

MATH-08 Linear Algebra

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take MATH-04B. Minimum grade C,P;

Advised 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.

Los Banos Campus

74407	TTh	02:00p-03:15p	Bryan, J	LB-B-135
Comments: Section 74407 has a web component requiring internet access; additional fees may apply.				

MATH-10 Elementary Statistics

3.0 units: 54.0 hours lec.

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

Advised Previously taken ENGL-85AC is advised.

This course covers descriptive statistics, including organization and pre-

sentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.

Los Banos Campus

74369	WF	08:00a-09:15a	Schlenger, C	LB-B-106
Comments: Section 74369 requires students to register for MATH-95S-74373 has a web component requiring internet access; additional fees may apply.				
74371	TTh	12:30p-01:45p	Schlenger, C	LB-B-110
Comments: Section 74371 requires students to register for MATH-95S-74375 has a web component requiring internet access; additional fees may apply.				

MATH-15 Finite Mathematics

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62, or MATH-95F with minimum grade of C/P. OR Concurrently enrolled in MATH-95F.

Advised Previously taken ENGL-85AC 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.

Los Banos Campus

74377	WF	12:30p-01:45p	Schlenger, C	LB-B-110
Comments: Section 74377 has a web component requiring internet access; additional fees may apply.				

MATH-25 Trigonometry

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62 or MATH-95T with a minimum grade of C/P. OR Concurrently enrolled in MATH-95T.

Advised Previously taken ENGL-85AC 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.

Los Banos Campus

74389	TTh	12:30p-01:45p	Bryan, J	LB-B-111
Comments: Section 74389 has a web component requiring internet access; additional fees may apply.				

MATH-62 Beginning and Intermediate Algebra for Liberal Arts

5.0 units: 90.0 hours lec.

Prerequisite: *Required* Take MATH-80; Minimum grade C,P;

Advised Previously taken ENGL-85AC 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.

Los Banos Campus

74363	TTh	08:00a-10:15a	Schlenger, C	LB-B-110
Comments: Section 74363 has a web component requiring internet access; additional fees may apply.				

MATH-95P PreCalculus Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent enrollment in MATH-02.

Required Concurrently enrolled in MATH-02 AND Either: Previously taken MATH-25 or equivalent and passed with a minimum grade of C or P. Or: Received specific placement into MATH-02 with MATH-95P.

A review of the core prerequisite skills, competencies, and concepts needed in precalculus. Topics include concepts from elementary algebra, intermediate algebra, and trigonometry. Intended for students who are concurrently enrolled in precalculus.

Los Banos Campus

74411 MW 12:30p-01:45p Bryan, J LB-B-107
Comments: Section 74411 requires students to register for MATH-10-74393 has a web component requiring internet access; additional fees may apply.

MATH-95S Statistics Support

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Concurrent Enrollment in MATH-10

A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Elementary Statistics.

Los Banos Campus

74373 WF 09:30a-10:45a Schlinger, C LB-B-106
Comments: Section 74373 requires students to register for MATH-10-74369 has a web component requiring internet access; additional fees may apply.
74375 TTh 02:00p-03:15p Schlinger, C LB-B-110
Comments: Section 74375 requires students to register for MATH-10-74371 has a web component requiring internet access; additional fees may apply.

Music: General (MUSG)

MUSG-13 Jazz Music History

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Los Banos Campus

74415 M 07:00p-09:50p Faria, M LB-A-103

Philosophy (PHIL)

PHIL-13 Critical Reasoning and Writing

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take ENGL-01A Minimum grade C,P;

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

Los Banos Campus

74431 MW 02:00p-03:15p Staff, M LB-B-136
Comments: Section 74431 has a web component requiring internet access; additional fees may apply.
74433 TTh 09:30a-10:45a Johnston, J LB-B-106
Comments: Section 74433 has a web component requiring internet access; additional fees may apply.
74437 F 09:00a-11:50a Staff, M LB-B-135
Comments: Section 74437 has a web component requiring internet access; additional fees may apply.

Physical Science (PHSC)

PHSC-01 Introduction to Physical and Earth Science

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A 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.

Los Banos Campus

74457 T 11:00a-01:50p Huff, A LB-B-101
Comments: Section 74457 has a web component requiring internet access; additional fees may apply.

PHSC-02L Survey of Chemistry and Physics Laboratory

1.0 units: 54.0 hours lab.

Prerequisite: *Required* Take PHSC-02.

Required Previously taken MATH-C, MATH-61, or MATH-62 and passed with a minimum grade of C or received an equivalent.

Advised Previously taken ENGL-ENGL-01A 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.

Los Banos Campus

74459 Th 11:00a-01:50p Huff, A LB-B-101
Comments: Section 74459 has a web component requiring internet access; additional fees may apply.

Physics (PHYS)

PHYS-04A Physics I

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MATH-04A; Minimum grade C,P;

Advised Previously taken ENGL-01A 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.

Los Banos Campus

72789 - Huff, A LB-B-101
W 11:00a-01:50p Huff, A
Comments: CONTACT: alison.huff@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; LB-B101. COMMENTS: 3 Lecture hours per week will be held online. Section 72789 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.

Prerequisite: *Required* Take PHYS-04A, MATH-04B; Minimum grade C,P;

Required Take MATH-04B

Advised Previously taken ENGL-01A advised.

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

Los Banos Campus

72791 - Huff, A LB-B-101
M 11:00a-01:50p Huff, A

Comments: CONTACT: alison.huff@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; LB-B101. COMMENTS: 3 Lecture hours per week will be held online. Section 72791 has a web component requiring internet access; additional fees may apply.

Plant Science (PLSC)

PLSC-10 Elements of Plant Science

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

This course is designed to provide the students with a working knowledge of fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

Los Banos Campus

72793 - Staff, M
TTh 05:30p-06:45p Staff, M LB-B-105
Comments: CONTACT: TBA IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 05:30p-06:45pp; LB-B105. COMMENTS: 2 Lecture hours per week will be held online. Section 72793 has a web component requiring internet access; additional fees may apply.

Political Science (POSC)

POSC-01 Essentials of American Political System

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Los Banos Campus

74481 TTh 08:00a-09:15a Gardner, J LB-B-106
Comments: Section 74481 has a web component requiring internet access; additional fees may apply.
74483 TTh 02:00p-03:15p Gardner, J LB-B-107
Comments: Section 74483 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.

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Los Banos Campus

74489 MWF 08:00a-08:50a Coahran, S LB-B-107
Comments: Section 74489 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

PSYC-01B Introduction to Psychological Research Methods

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P;

Advised 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.

Los Banos Campus

74495 TTh 02:00p-03:15p Coahran, S LB-B-106
Comments: Section 74495 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

PSYC-09 Human Development

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Los Banos Campus

74499 F 09:00a-11:50a Staff, M LB-B-107
Comments: Section 74499 has a web component requiring internet access; additional fees may apply.

PSYC-22 Human Sexuality

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Los Banos Campus

74507 MW 02:00p-03:15p Coahran, S LB-B-106
Comments: Section 74507 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

PSYC-25 Introduction to Abnormal Psychology

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* 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.

Los Banos Campus

74511 MWF 10:00a-10:50a Coahran, S LB-B-110
Comments: Section 74511 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

Sociology (SOC)**SOC-01 Introduction to Sociology**

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course provides an introduction into what it means to be sociologically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologists apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Los Banos Campus

74513 TTh 08:00a-09:15a Coahran, S LB-B-107
Comments: Section 74513 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: scott.coahran@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.

78513 W 05:30p-08:20p Staff, M LB-A-103
Comments: Section 78513 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: TBA 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.

Spanish (SPAN)**SPAN-01 Elementary Spanish I**

5.0 units: 90.0 hours lec.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

Los Banos Campus

74535 MW 10:30a-12:45p Wynne, C LB-B-112

SPAN-02 Elementary Spanish II

5.0 units: 90.0 hours lec.

Prerequisite: *Required* 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.

Los Banos Campus

74537 TTh 01:00p-03:15p Wynne, C LB-B-112

Short Term Classes

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.

Merced Campus

39333 MW 11:00a-12:15p Donaher, K AG-11
Comments: CONTACT: donaher.k@mccd.edu IN-CLASS
SESSIONS: Lec; Mondays/Wednesdays; 11:00a-12:15p
COMMENTS: Lecture hours per week will be held online.
Section 39333 has a web component requiring internet access; additional fees may apply.

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.

Merced Campus

39334 MW 11:00a-12:20p Donaher, K AG-11
Comments: This class has a web component which requires internet access. Additional fees may apply.

Agriculture (AGRI)

AGRI-10 Agriculture, Environment, & Society

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

32950 Doo, T Online
Comments: Section 32950 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: taylor.doo@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.

Merced Campus

39919 MW 11:00a-11:50a Maddux, M AG-10
Comments: CONTACT: mary.maddux@mccd.edu IN-CLASS
SESSIONS: Lab; Mondays/Wednesdays; 11:00a-11:50a.
COMMENTS: Lecture hours per week will be held online.
Section 39919 has a web component requiring internet access; additional fees may apply.

Administrative Office Mgmt (AOM)

AOM-30 Introduction to Computer Applications

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Online

92882 Garcia Martinez, J Online
Comments: Section 92882 is held 01/10/22 to 03/08/22. Section 92882 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

AOM-43 Essentials of Business Communication

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

92835 Pirtle, T Online
Comments: Section 92835 is held 04/04/22 to 05/20/22. Section 92835 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92881 Pirtle, T Online
Comments: Section 92881 is held 02/22/22 to 04/01/22. Section 92881 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92883 Pirtle, T Online
Comments: Section 92883 is held 02/22/22 to 04/01/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-928088, AOM-58A-92857, and VIRT-51-92889. Section 92883 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

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 memos, letters, envelopes, tables, and reports.

Online

92884 Garcia Martinez, J Online
Comments: Section 92884 is held 03/09/22 to 05/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92884 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92885 Garcia Martinez, J Online
Comments: Section 92885 is held 03/09/22 to 05/09/22. Section 92885 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

AOM-50C Learn to Type

1.0 units: 18.0 hours lec, .

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

Online

92800 Garcia Martinez, J Online
Comments: Section 92800 is held 01/10/22 to 02/07/22. Section 92800 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92886 Garcia Martinez, J Online
Comments: Section 92886 is held 01/10/22 to 02/07/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92886 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

Merced Campus

99085 TTh 08:00a-08:50a Blackmore, C VOC-115
Comments: Section 99085 is held 01/10/22 to 03/11/22. Section 92085 has a web component which requires internet access.

AOM-52C Keyboarding Speed & Accuracy

1.0 units: 18.0 hours lec, .

This course is designed to increase keyboarding speed and accuracy through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy.

Online

92815 Garcia Martinez, J Online
Comments: Section 92815 is held 02/08/22 to 03/09/22. Section 92815 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92839 Blackmore, C Online
Comments: Section 92839 is held 03/14/22 to 05/20/22. Section 92839 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: cynthia.blackmore@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.

92887 Garcia Martinez, J Online
Comments: Section 92887 is held 02/08/22 to 03/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-928086, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92887 will be offered remotely and has a web component requiring internet access;

additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

AOM-56 Office Procedures

3.0 units: 54.0 hours lec, .

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

Online

92888 Pirtle, T Online
Comments: Section 92888 is held 01/10/22 to 02/18/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92888 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92899 Pirtle, T Online
Comments: Section 92899 is held 01/10/22 to 02/18/22. Section 92899 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

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

92857 Garcia Martinez, J Online
Comments: Section 92857 is held 03/10/22 to 05/11/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92857 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

92858 Garcia Martinez, J Online
Comments: Section 92858 is held 03/10/22 to 05/11/22. Section 92858 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: juan.garcia955@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. Windows computer highly recommended.

Athletics (ATHL)

ATHL-01B Intercollegiate Basketball

1.5 units: 90.0 hours lab.

Prerequisite: *Advised* Previously taken KINE-13 is advised.

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic athletic advisor's approval. This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

Merced Campus

49350 MTWTh 02:00p-03:15p Huddleston, A GYM-1
Comments: Section 49350 is held from 01/10/22 to 02/11/22.

49351 MTWThF 12:00p-01:50p Huddleston, A GYM-1

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.

Merced Campus

49352 MWF 12:00p-12:50p Huddleston, A ATHL-TC
Comments: Section 49352 is held from 03/14/22 to 05/20/22.

ATHL-36B Theory and Analysis of Basketball

1.0 units: 18.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-85AC is advised. This course presents the fundamental knowledge of basketball through techniques of lecture, discussions, and video analysis. This course is recommended for physical education, recreation, and recreation-aide majors and varsity basketball players.

Merced Campus

49349 TTh 06:00p-06:50p Huddleston, A ATHL-TC
Comments: Section 49349 is held from 03/14/22 to 05/20/22.

Automotive Technology (AUTO)**AUTO-32 Wheel Alignment & Suspension**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken AUTO-04 and AUTO-63, ENGL-85AC, and MATH-80 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

39406 MTWTh 08:00a-09:30a Weepers, M IT-4B
MTWTh 09:40a-11:10a Weepers, M IT-4B
Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-33 Automotive Brake Systems

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken AUTO-04 and AUTO-63, ENGL-85AC, and MATH-80.

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

39198 MTWTh 08:00a-09:25a Weepers, M IT-4B
MTWTh 09:35a-11:00a Weepers, M IT-4B
Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-36 Automotive Manual Transmissions & Drive Trains

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken AUTO-04, ENGL-85AC and MATH-80 is advised.

This course is designed for the student without any prior experience in standard transmissions or drive axles. The class will provide technical information required for understanding and repairing of manual transmissions and drive trains. Laboratory exercise will provide the student with proper repair procedures and use of related tools and equipment. Standard transmissions, transaxles, differentials, drivelines, and related

components will be covered.

Merced Campus

39403 MTWTh 01:00p-02:30p Weepers, M IT-4B
MTWTh 02:40p-04:10p Weepers, M IT-4B
Comments: SECTION 39403 IS HELD 01/10/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. WEB COMPONENT WHICH WILL REQUIRE YOU TO HAVE INTERNET ACCESS.
39404 MTWTh 01:00p-02:30p Weepers, M
IT-4B MTWTh 02:40p-04:10p Weepers, M
IT-4B
Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-41 Automotive Engines

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Take AUTO-04 concurrently with AUTO-41.

Advised Previously taken ENGL-85AC and MATH-80 is advised.

This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

Merced Campus

39186 MTWTh 08:00a-08:50a Gregory, A IT-4A
MTWTh 09:00a-12:25p Gregory, A IT-4A
Comments: SECTION 39186 IS HELD 01/10/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
39400 MTWTh 12:00p-12:50p Gregory, A IT-4A
MTWTh 01:00p-03:50p Gregory, A IT-4A
Comments: This class has a web component which requires internet access. Additional fees may apply.
39499 MTWTh 08:00a-08:50a Gregory, A IT-4A
MTWTh 09:00a-12:25p Gregory, A IT-4A
Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-42 Automotive Electrical Systems

4.0 units: 54.0 hours lec, 54.0 hours lab.

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

Advised Previously taken AUTO-04 and ENGL-85AC and MATH-80 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

39056 MTWTh 01:00p-02:30p Gregory, A IT-4A
MTWTh 02:40p-04:10p Gregory, A IT-4A
Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-43 Automotive Computerized Engine Controls

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take AUTO-04 and AUTO-63

Advised Previously taken AUTO-42, ENGL-85AC, and MATH-80 is advised.

This course covers the testing and service of automotive fuel systems, including fuel injection systems, electronic engine controls, and emission controls.

Merced Campus

- 39405 MTWTh 08:00a-09:25a Gregory, A IT-4A
 MTWTh 09:35a-11:00a Gregory, A IT-4A
 Comments: SECTION 39405 IS HELD 03/14/22 TO 05/12/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39500 MTWTh 08:00a-09:25a Gregory, A IT-4A
 MTWTh 09:35a-11:00a Gregory, A IT-4A
 Comments: This class has a web component which requires internet access. Additional fees may apply.

AUTO-46 Automatic Transmissions

4.0 units: 36.0 hours lec, 108.0 hours lab.
 Prerequisite: *Advised* Previously taken AUTO-04 and AUTO-63, ENGL-85AC, and MATH-80 is advised.

This course will cover domestic and import automatic transmissions and transaxles. Rebuilding will include diagnosis, inspection, repair, and testing. Theory will cover power flow, apply devices, hydraulics, torque converters, and shift controls.

Merced Campus

- 39179 MTWTh 12:00p-12:50p Weepers, M IT-4B
 MTWTh 01:00p-04:10p Weepers, M IT-4B
 Comments: SECTION 39179 IS HELD 03/14/22 TO 05/12/22. THIS IS A LEARNING COMMUNITY AND REQUIRES YOU REGISTERING IN AUTO-36-39403, AUTO-41-39186, AUTO-43-39405, AND AUTO-46-39179. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39180 MTWTh 12:00p-12:50p Weepers, M IT-4B
 MTWTh 01:00p-04:10p Weepers, M IT-4B
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Child Development (CLDV)

CLDV-09 Human Development

3.0 units: 54.0 hours lec, .
 Prerequisite: *Advised* Previously taken 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

- 49615 Clifford, J Online
 Comments: Section 49615 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.
- 49617 Bluett-Murphy, V Online
 Comments: Section 49617 will be held from 1/10/22-3/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluet-murp@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.
- 49618 Bluett-Murphy, V Online
 Comments: Section 49618 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.bluet-murp@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.

Merced Campus

- 46605 W 05:30p-08:20p Cruthird, A VOC-139
 Comments: Section 46605 may have a web component which requires internet access.

CLDV-56 School-Age Development

3.0 units: 54.0 hours lec, .
 Prerequisite: *Required* Previously taken CLDV-01 and passed with a minimum grade of C or received an equivalent

This introductory course on school-age development covers an overview of school-age care; the school-age professional; school-age theory and development ages 5-13; current issues facing school-age children; guidance of school-age children; regulations and program quality; and developing partnerships with communities and families. Students will participate in observations of school-age children and programs.

Online

- 49619 Hardy, L Online
 Comments: Section 49619 is held from 01/10/22-03/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.hardy@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.

CLDV-56L School-Age Development Practicum

3.0 units: 18.0 hours lec, 108.0 hours lab.
 Prerequisite: *Required* Take CLDV-56

Limitation on Enrollment: As per California law SB792, all volunteers and staff who work in early care development facilities must provide documented verification of mandatory immunizations and proof of a negative TB test. All documentation must be verified prior to working directly with young children ages 0-5yrs. School-age programs will be studied for purposes of planning experiences, which encourage physical, cognitive, social and emotional growth. The laboratory will consist of supervised work in a selected school-age care program and is designed to offer students continued and increased opportunities in working with children ages 5-12 years old. This course is required for the School-Age Certificate.

Online

- 49620 Hardy, L Online
 Comments: Section 49620 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: latanga.hardy@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 enrolled in CLDV-56L will participate in 6 hours of virtual lab online each week to equal a total of 6 hours per week of lab experience.

CLDV-65B Ca Preschool Foundations and Frameworks: Math

1.0 units: 18.0 hours lec, .

Introduction to the mathematics domain of the California Preschool Learning Foundations and Frameworks including the strands of number sense, algebra and functions, measurement, geometry, and mathematical reasoning. Provides strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

- 49621 Soria, L Online
 Comments: Section 49621 is held from 1/10/22-2/18/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

CLDV-65C Ca Preschool Foundations and Frameworks: Science

1.0 units: 18.0 hours lec, .

Introduces the science domain of the California Preschool Learning Foundations and Frameworks including the strands of scientific inquiry, physical, life, and earth sciences and provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49622

Soria, L

Online

Comments: Section 49622 is held from 2/21/22-4/1/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

CLDV-65D Ca Preschool Foundations & Frameworks: History and Social Science

1.0 units: 18.0 hours lec, .

Introduction to the history and social science domain of the California Preschool Learning Foundations and Frameworks including strands of self and society, civics, history, geography, ecology, and economics. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

Online

49623

Soria, L

Online

Comments: Section 49623 is held from 4/4/22-5/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: libby.soria@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.

Communication Studies (COMM)**COMM-01 Fundamentals of Speech**

3.0 units: 54.0 hours lec, .

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

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

22800

Bonstein, J

Online

Comments: Section 22800 is held from 01/10/22 to 02/18/22. Section 22800 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bonstein.j@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.

22801

Bonstein, J

Online

Comments: Section 22801 is held from 01/10/22 to 02/18/22. Section 22801 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bonstein.j@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.

Criminal Justice (CRIM)**CRIM-42D Reserve Officer Module Level 2**

10.0 units: 162.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take CRIM-42C. Minimum grade C,P.

Advised Previously taken ENGL-85AC is advised.

Limitation on Enrollment: 1. Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. 2. The absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician's clearance indicating good physical health must be presented to the instructor at the first class meeting. 3. Student must possess a California Driver's License. This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods-including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). This course is repeatable 2 times.

Merced Campus

49600

TTh

06:00p-09:50p Noblett, D

PSC-1

Comments: Section 49600 is held 01/10/22 to 05/12/22. IN-CLASS SESSIONS: In addition to the Tuesdays and Thursdays scheduled class meets, this class will also meet on Saturdays and Sundays, January 22, 2022 thru May 8, 2022 to include a 60 minute lunch. Dates and Hours by arrangement will be assigned during the first Lecture session. Section 49600 requires a \$322.00 fee for materials; other fees may apply. This class may have a web component which requires internet access. Contact: david.noblett@mccd.edu for course-specific questions.

Computer Tech and Info Systems (CTIS)**CTIS-20 Introduction to Information Systems Security**

3.0 units: 27.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken CTIS-15 and passed with a minimum grade of C or received an equivalent.

An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams. This course is 4 of 4 in the Google IT Support Professional Certificate and course 4 or 4 in the CCNA certificate,

Online

12810

Celly, B

Online

Comments: Section 12810 is held from 02/21/22 to 04/01/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

CTIS-22 Digital Forensics Fundamentals

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken CTIS-20 and passed with a C or received an equivalent.

This course is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered

include an overview of computer forensics as a profession; the computer investigation process; understanding operating systems boot processes and disk structures; data acquisition and analysis; technical writing; and a review of familiar computer forensics tools.

Online

12811 Celly, B Online

Comments: Section 12811 is held from 04/04/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

Drama (DRAM)

DRAM-20A Rehearsal and Performance, Beginning

3.0 units: 18.0 hours lec, 108.0 hours lab.

Limitation on Enrollment: Enrollment by audition or interview. Instructor signature required. This is a beginning course that covers the audition, rehearsal, and performance period of a theatre production. Students will participate in a show as either performer or in running crew. Understanding the basic concepts, processes, and techniques of actors, stage managers, assistant directors, and stage crew will deepen students' appreciation of theatre as a collaborative endeavor. Read-throughs will help students develop proficiency with script analysis on technical and literary levels.

Merced Campus

59000 - McCue-Bryx, L THTR-STG

Comments: Section 59000 is held from 1/18/22 to 4/3/22. Students must audition before enrolling in this course. AUDITIONS will be held 1/11/22 and 1/12/22 from 05:00pm-9:50pm. For more information contact Professor Lauren McCue-Bryx: lauren.mccue-bryx@mccd.edu.

DRAM-20B Rehearsal and Performance, Intermediate

3.0 units: 18.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken DRAM-20A and passed with a minimum grade of C or received an equivalent.

Enrollment by audition or interview. Instructor signature required. This is an intermediate course that covers the audition, rehearsal, and performance period of a production. Students will participate in a show as either performer or in running crew. The course focuses on intermediate concepts, processes, and techniques in acting, stage management, directing, and technical theatre. Actors and production team members practice leadership and problem-solving skills by role-playing common scenarios encountered during shows. Additionally, students develop textual analysis, research, and notation skills through completing intermediate documentation and collection practices.

Merced Campus

59001 - McCue-Bryx, L THTR-STG

Comments: Section 59001 is held from 1/18/22 to 4/3/22. Students must audition before enrolling in this course. AUDITIONS will be held 1/11/22 and 1/12/22 from 05:00pm-9:50pm. For more information contact Professor Lauren McCue-Bryx: lauren.mccue-bryx@mccd.edu.

Drafting Technology (DRFT)

DRFT-04A Fundamentals of Computer-Aided Drafting

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken INDT-38I and MATH-80 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.

Merced Campus

39273 MW 08:00a-09:50a Watson, T VOC-40
MW 10:00a-12:50p Watson, T VOC-40
Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-04B Introduction to 3D

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken INDT-38I 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.

Merced Campus

39173 MW 08:00a-10:00a Shamony, H VOC-40
MW 10:10a-01:00p Shamony, H VOC-40
Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-05 Technical Graphics

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take DRFT-04A or DRFT-04C; Minimum grade C,P;

Advised Previously taken MATH-80 is advised.

This course utilizes computer graphics to prepare engineering drawings including geometric constructions, multi-view drawing, sectioning, auxiliary views, pictorial drawing, and tolerancing. It contains a strong tie to ANSI Y14.5

Merced Campus

39169 MW 02:00p-03:50p Shamony, H VOC-40
MW 04:00p-07:05p Shamony, H VOC-40
Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-25 Descriptive Geometry

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take DRFT-04A and DRFT-05; Minimum grade C,P;

Advised Previously taken MATH-81 is advised.

This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas. The course is also an introduction to descriptive geometry using computers and more traditional methods of problem solving through the auxiliary view and two-view methods. The development of graphical methods in their application to graphs, charts, and spatial and vector geometry will be studied.

Merced Campus

39270 MW 02:00p-03:50p Watson, T VOC-40
MW 04:00p-06:50p Watson, T VOC-40
Comments: This class has a web component which requires internet access. Additional fees may apply.

DRFT-44 Print Reading & Sketching

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* 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.

Merced Campus

39120 - Russell, C
MTWThF 01:00p-04:20p Russell, C VOC-42
Comments: SECTION 39120 IS HELD 03/07/22 TO 03/25/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY

APPLY.
39121 - Russell, C
MTWThF 01:00p-04:20p Russell, C VOC-42
Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

79801 MTWThF 08:00a-09:30a Xiong, F OFLL-HBPG
MTWThF 09:40a-12:05p Xiong, F OFLL-HBPG
Comments: Section 79801 is held from 03/07/22 to 04/01/22.
LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
79803 MTWThF 08:00a-09:30a Xiong, F OFLL-HBPG
MTWThF 09:40a-12:05p Xiong, F OFLL-HBPG
Comments: Section 79803 is held from 03/07/22 to 04/01/22.
LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

Economics (ECON)**ECON-01 Introduction to Microeconomics**

3.0 units: 54.0 hours lec, .

Prerequisite: *Required* Previously taken ENGL-85AC ---AND---
MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C are advised

Advised Previously taken ENGL-01A is advised.

ECON-01 is an introductory course in microeconomic theories including maximization, benefit versus cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

Online

52813 Serpa, C Online
Comments: Section 52813 is held 3/14/22 TO 5/20/22. it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: caitlin.serpa@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.

Education - Non-Credit (EDU)**EDU-112C Skills Acquisition for Student Success - Allied Health**

0.0 units: .

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

Los Banos Campus

95116 Th 03:30p-07:30p Mehat, S LB-B-134
F 03:00p-07:00p Mehat, S LB-B-134
Comments: This class may have a web component which requires internet access.

Merced Off-Campus

95115 W 03:00p-07:00p Mehat, S BRC-120
Comments: This class may have a web component which requires internet access.

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

95635 F 08:30a-12:30p Rentfrow, R F
01:30p-04:30p Rentfrow, R
Comments: This class may have a web component which requires internet access.

Merced Off-Campus

95631 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95632 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95633 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95634 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95636 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.

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

32608 Hamilton, A Online
Comments: Section 32608 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.

32609 Hamilton, A Online
Comments: Section 32609 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.

ELCT-34 Digital Logic, Circuits, and Systems (Foundations of Electronics)

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-30 ELCT-31 ELCT-41 and ELCT-52 is advised.

The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems. A/D and D/A converters and the basic operation of programmable logic controllers and microcomputers will be introduced.

Online

19297 Celly, B Online
Comments: Section 19297 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

ELCT-36 Networking Topologies and Cabling

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Advised* Previously taken ELCT-51B and EN-GL-85AC and MATH-80 is advised.

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

Online

19298 Celly, B Online
Comments: Section 19298 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

ELCT-41 Industrial Motor and Equipment Control (Applications of Electronics)

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Advised* Previously taken ELCT-31 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

36340 - Hamilton, A IT-3
T 05:10p-10:00p Hamilton, A
Comments: CONTACT: aaron.hamilton@mccd.edu IN-CLASS SESSIONS:Lab; Tuesdays;5:10p-10:00p;Lab; 1 hour per week will be held online. COMMENTS:Lecture hours per week will be held online. Section 36340 has a web component requiring internet access; additional fees may apply.

ELCT-51B A+ Certification Training

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Advised* Previously taken ELCT-51A is advised. Previously taken ENGL-85AC 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

19299 Celly, B Online
Comments: Section 19299 will be offered remotely and has a web component requiring internet access; additional fees may

apply. Contact: bhrigu.celly@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.

ELCT-56 Introduction to Mechatronics

4.0 units: 36.0 hours lec, 108.0 hours lab.
Prerequisite: *Required* Take ELCT-42A; Minimum Grade C,P;
Advised Previously taken ELCT-31 and ELCT-42B is advised.

This course introduces students to mechatronics, the rapidly developing field that integrates mechanical, electronic and software engineering in the service of advanced manufacturing. Students will develop an interdisciplinary and integrated approach to design, manufacturing and troubleshooting mechatronics systems. Students will learn how various components such as electronic sensors, electro-pneumatic valves, actuators, motors, and robotic arms work, and how they can be integrated with other mechanical components into complex automated systems. OSHA safety training and certification will be included. Hands-on experience in building and programming a variety of mechatronics projects that simulate real-life industrial automated systems will be provided in laboratory activities.

Merced Campus

39007 MTWTh 08:00a-08:50a Hamilton, A IT-3
MTWTh 09:00a-11:25a Hamilton, A IT-3
Comments: SECTION 39007 IS HELD 02/22/22 TO 05/05/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
39283 MTWTh 08:00a-08:50a Hamilton, A IT-3
MTWTh 09:00a-11:25a Hamilton, A IT-3

Comments: This class has a web component which requires internet access. Additional fees may apply.

ELCT-58 Electrical Printreading for Installation and Troubleshooting

3.0 units: 54.0 hours lec, .
Prerequisite: *Required* Take ELCT-52; Minimum grade C,P;
Advised Previously taken ELCT-41 ELCT-42A and INDT-35 is advised.

This course is a study in electrical print reading for installing and troubleshooting electrical systems presents foundational print reading skills needed to install and troubleshoot commercial and industrial electrical systems and equipment.

Online

32300 Hamilton, A Online
Comments: Section 32300 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: aaron.hamilton@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.

ELCT-59 Electrical Safety and Industrial Skills

2.0 units: 36.0 hours lec, .
This course is an introduction into basic electrical safety and industrial skills associated with the Electrical and Industrial Technology programs offered at Merced College. The course will give students an opportunity to learn industry standard safe working practices in the electrical and maintenance trades as well as the safe operation of industrial equipment. The student will be trained in the safe use of Merced College electrical trainer and equipment that will be used in more advanced Electrical and Industrial Technology classes.

Merced Campus

39234 F 08:00a-12:15p Hamilton, A IT-3
Comments: SECTION 39234 IS HELD 01/14/22 TO 03/11/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005,

ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39235 F 08:00a-12:15p Hamilton, A
IT-3

Comments: This class has a web component which requires internet access. Additional fees may apply.

Emergency Medical Care (EMER)

EMER-50A Emergency Medical Technician 1, Module A

2.5 units: 40.5 hours lec, 13.5 hours lab.

Prerequisite: *Advised* Take ALLH-67 and ENGL-85AC 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

49601 TTh 05:30p-08:20p Staff, M PSC-5
TTh 08:30p-09:20p Staff, M PSC-5
Comments: Section 49601 is held from 01/10/22 to 02/24/22. Section 49601 Lecture and Lab will be offered Face-to-Face, to be held T/Th 5:30p-9:20p in PSC-5. This class may have a web component which requires internet access. Contact: donnelly.b@mccd.edu for course-specific questions. Additional fees may apply. 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: *Required* Take EMER-50A. Minimum grade C,P.

Advised Previously taken ALLH-67 and ENGL-85AC 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

49602 TTh 05:30p-07:50p Staff, M PSC-5
TTh 08:20p-09:35p Staff, M PSC-5
Comments: Section 49602 is held from 03/01/22 to 05/19/22. Section 49602 Lecture and Lab will be offered Face-to-Face, to be held T/Th 5:30p-9:20p in PSC-5. This class may have a web component which requires internet access. Contact: donnelly.b@mccd.edu for course-specific questions. Additional fees may apply. In addition, two Saturdays 8:00a-5:00p with a 1hr lunch included; days/times to be announced at the first class session. 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 49603 - Staff, M

Comments: Section 49603 is held from 01/11/22 to 03/17/22. Section 49603 Lecture and Lab will be offered Face-to-Face, to be held T/Th 9:30a-3:35p in PSC-5. This class may have a web component which requires internet access. Contact: donnelly.b@mccd.edu for course-specific questions. Additional fees may apply. In addition, two Saturdays 8:00a-5:00p with a 1hr lunch included; days/times to be announced at the first class session. 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

English (ENGL)

ENGL-01B Introduction to Literature

3.0 units: 54.0 hours lec, .

Prerequisite: *Required* 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

79037 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79037 is held 01/10/22 to 03/11/22 and has a web component requiring internet access; additional fees may apply.

Merced Campus

29022 MWF 09:00a-10:50a Barba, M IAC-127
Comments: Section 29022 is held from 03/14/22 to 05/20/22. This class may have a web component which requires internet access. Section 29022 is part of a Learning Community with ENGL-13-29021/PHIL-13-29020 and GUID-45-81065. CONTACT: barba.m@mccd.edu

ENGL-13 Critical Reasoning and Writing

3.0 units: 54.0 hours lec, .

Prerequisite: *Required* 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

79039 Chavez, C Online
Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79039 is held 03/14/22 to 05/20/22 and has a web component requiring internet access; additional fees may apply.

Merced Campus

29020 MWF 09:00a-10:50a Barba, M IAC-127
Comments: Section 29020 is held from 01/10/22 to 03/11/22. CONTACT: barba.m@mccd.edu Section 29020 is part of a

Learning Community with ENGL-01B-29022 and GUID-45-81065.

Fire Technology (FIRE)

FIRE-63A Basic Firefighter I, Academy A

8.0 units: 126.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Previously taken FIRE-30 ---OR--- Existing Paid Call (Volunteer) Firefighter

Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of fire department organization, miscellaneous equipment and tools, fire behavior and extinguishment theory, fire fighter safety, self-contained breathing apparatus, and portable fire extinguishers. The course also provides training in ropes, knots, hitches, hoses, nozzles, appliances, ground ladders, forcible entry, and confined space rescue. Students must supply instructor-approved personal protective equipment (required instructional material).

Merced Campus

49604 MWF 06:00p-09:50p Staff, M PSC-5
Comments: Section 49604 is held 01/10/22 to 03/11/22 on MWF from 6:00p-9:50p Section 49604 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 60 minute lunch break; dates to be announced at the first class session. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost \$60. Uniform required. Instructor signature required.

FIRE-63B Basic Firefighter I, Academy B

8.0 units: 126.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take FIRE-63A Minimum grade C,P;

Advised Previously taken ENGL-85AC is advised.

Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of ventilation, fire control, salvage and overhaul operations, fire protection water systems, fire protection systems, fire prevention and investigation, communications, vehicle extrication, wildland fire fighting, urban interface, and hazardous materials.

Merced Campus

49605 MWF 06:00p-09:50p Staff, M PSC-5
Comments: Section 49605 is held 03/14/22 to 05/20/22 on MWF from 6:00p-9:50p Section 49605 requires 180 hours by arrangement and will meet on Saturdays and Sundays; 08:00a-04:50p to include a 60 minute lunch break; dates to be announced at the first class session. During this course, there are modules offered that qualify for certain state and federal certifications. If the student passes the module, he/she may have the option to pay the state or federal costs of these certificates; approximate combined cost \$60. Uniform required. Instructor signature required.

History (HIST)

HIST-04A World History Part 1

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52801 Arnold, T Online
Comments: Section 52801 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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.

HIST-04B World History Part 2

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52802 Arnold, T Online
Comments: Section 52802 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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.

HIST-17A United States History and United States Constitution

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

52803 Arnold, T Online
Comments: Section 52803 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: thomas.arnold@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.

HIST-17B United States History and California State and Local Government

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

77455 Gardner, J Online
Comments: This section is limited to LBHS, PACHS & DPHS AB288/CCAP students. Section 77455 is held from 01/24/22 to 05/20/22, and will be offered remotely with a web component requiring internet access; additional fees may apply. Contact: jennifer.gardner@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.

HIST-29 History of California

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52814

Hampton, C

Online

Comments: Section 52814 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: caleb.hampton@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.

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

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* Previously taken 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

49360

Casey, R

Online

Comments: Section 49360 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: casey.r@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.

Merced Campus

49354

MWF 01:00p-02:50p Severo, S

AHC-123

Comments: Section 49354 is held from 03/14/22 to 05/20/22.

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

36421

- Russell, C

W 05:10p-10:00p Russell, C

IT-1

Comments: CONTACT: chad.russell@mccd.edu IN-CLASS SESSIONS: Lab; Wednesdays; 05:10p-10:00p; Lab 1 hour online per week. COMMENTS: Lecture hours per week will be held online. Section 36421 has a web component requiring internet access; additional fees may apply.

INDT-35 Electrical Wiring: Industrial

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course covers basic wiring for industrial applications. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code, blueprint reading, layout of electrical circuits according to blueprints, switches, electrical connections, grounding and electrical safety, materials, appliance connections, industrial wiring and components, power poles and low voltage remote control devices. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

Merced Campus

39006

MTWTh 08:00a-09:25a Hamilton, A

IT-3

MTWTh 09:35a-11:50a Hamilton, A

IT-3

Comments: SECTION 39006 IS HELD 01/10/22 TO 02/17/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A

WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39288

MTWTh 08:00a-09:25a Hamilton, A

IT-3

MTWTh 09:35a-11:50a Hamilton, A

IT-3

Comments: This class has a web component which requires internet access. Additional fees may apply.

INDT-40 Commercial Refrigeration Systems

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course presents Commercial Refrigeration Systems to students. Systems studied will range from fractional to large tonnage refrigeration systems. Medium and low temperature systems, multiple defrost methods, and energy efficiency will be studied. Diagnostic and repair procedures on commercial systems and related equipment will be covered.

Merced Campus

39060

- Nagano, J

T 05:10p-10:00p Nagano, J

IT-1

Comments: CONTACT: nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 05:10p-10:00p; Lab 1 hour online per week. COMMENTS: Lecture hours per week will be held online. Section 39060 has a web component requiring internet access; additional fees may apply.

INDT-41 Industrial Power Transmission

3.0 units: 36.0 hours lec, 54.0 hours lab.

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

Merced Campus

39001

MTWTh 12:20p-01:35p Nagano, J

IT-3

MTWTh 01:45p-03:45p Nagano, J

IT-3

Comments: SECTION 39001 IS HELD 02/22/22 TO 03/31/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, AND ELCT-59-39234. WEB COMPONENT WHICH WILL REQUIRE YOU TO HAVE INTERNET ACCESS.

39289

MTWTh 12:20p-01:35p Nagano, J

IT-3

MTWTh 01:45p-03:45p Nagano, J

IT-3

Comments: This class has a web component which requires internet access. Additional fees may apply.

INDT-53 Heat Pump Systems

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take INDT-51 AND INDT-52. Minimum grade C,P;

This course studies the operation, installation, and service of heat pump systems.

Merced Campus

39061

- Nagano, J

T 05:10p-10:00p Nagano, J

IT-1

Comments: CONTACT: nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 05:10p-10:00p; Lab 1 hour online per week. COMMENTS: Lecture hours per week will be held online. Section 39061 has a web component requiring internet access; additional fees may apply.

INDT-56 Industrial Facilities Maintenance

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-52, ELCT-47, and ELCT-42A is advised.

This course is designed to provide industrial maintenance and electrical technician students with the skills they need to be successful. Students will gain skills in: print reading, safety, troubleshooting, mechanical system components, boiler systems, industrial refrigeration systems and industrial facility electrical systems,

Merced Campus

39005 - Nagano, J
 MTWTh 12:30p-02:45p Nagano, J IT-3
 Comments: SECTION 39005 IS HELD 01/10/22 TO 02/17/22. THIS IS A LEARNING COMMUNITY REQUIRES REGISTERING IN, INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, AND ELCT-59-39234. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39287 - Nagano, J
 MTWTh 12:30p-02:45p Nagano, J IT-3
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Kinesiology (KINE)**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

49355 MWF 09:00a-10:50a Halpin, W ATHL-POOL
 Comments: Section 49355 is held from 03/14/22 to 05/20/22.

Mathematics (MATH)**MATH-10 Elementary Statistics**

3.0 units: 54.0 hours lec, .

Prerequisite: *Required* Previously taken MATH-C, MATH-88, MATH-61, or MATH-62 and passed with a minimum grade of C/P. OR Concurrently enrolled in MATH-95F.

Advised Previously taken ENGL-85AC 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

12801 Dawson, C Online
 Comments: Section 12801 is held from 01/10/22 to 02/18/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: dawson.c@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.

12802 Dawson, C Online
 Comments: Section 12802 is held from 02/23/22 to 04/01/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: dawson.c@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.

12803 Mitchell, P Online
 Comments: Section 12803 is held from 02/07/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: patrick.mitchell@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.

MATH-15 Finite Mathematics

3.0 units: 54.0 hours lec, .

Prerequisite: *Required* Previously taken MATH-C, MATH-61, MATH-62, or MATH-95F with minimum grade of C/P. OR Concurrently enrolled in MATH-95F.

Advised Previously taken ENGL-85AC 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

12805 Navarro, I Online
 Comments: Section 12805 is held from 04/04/22 to 05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: ivan.navarro@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.

Mechanized Agriculture (MECH)**MECH-23 Diesel Fuel Systems Diagnostics**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

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

Merced Campus

39020 MTWTh 01:00p-01:50p Donovan, T MA-1
 MTWTh 02:00p-04:30p Donovan, T MA-2
 Comments: SECTION 39020 IS HELD 02/22/22 TO 03/24/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39290 MTWTh 01:00p-01:50p Donovan, T MA-1
 MTWTh 02:00p-04:30p Donovan, T MA-2
 Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-24 Power Trains

4.0 units: 36.0 hours lec, 108.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised

This course is a study of the function and repair of a power train from the clutch through the final drive. Topics will include the theory of operation, maintenance, diagnosis, and repair of clutches and torque converters, mechanical and hydraulic transmissions, differential, and final drives. Safety will be stressed throughout.

Merced Campus

39002 MTWTh 08:00a-08:50a Ornelas, R MA-1
 MTWTh 09:00a-12:00p Ornelas, R MA-2
 Comments: SECTION 39002 IS HELD 01/10/22 TO 03/10/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39291 MTWTh 08:00a-08:50a Ornelas, R MA-1
 MTWTh 09:00a-12:00p Ornelas, R MA-2
 Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-27 Applied Diesel Technical Skills

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

This course includes applied skill in the service and repair of diesel engines and their sub-systems. Emphasis is placed upon in-frame service/rebuild applications, electronic service information, and component installation and timing. Testing and diagnostic procedures for after service/repair is an important part of the course. Industry safety is emphasized throughout the course.

Merced Campus

- 39003 MTWTh 01:00p-01:50p Donovan, T MA-1
 MTWTh 02:00p-04:25p Donovan, T MA-2
 Comments: SECTION 39003 IS HELD 03/28/22 TO 05/05/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39292 MTWTh 01:00p-01:50p Donovan, T MA-1
 MTWTh 02:00p-04:25p Donovan, T MA-2
 Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-31 Equipment Safety

1.0 units: 18.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-85AC 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.

Merced Campus

- 39257 F 01:00p-05:15p Ornelas, R MA-1
 Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-32 Applied Electrical and Hydraulic Service

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ENGL-85AC and MATH-80 is advised.

Advised Previously taken MECH-21 and MECH-26 is advised.

This course is designed to give students knowledge and competencies in modern cab and chassis electrical systems, electronics, electrohydraulics, and hydraulic systems. Testing, diagnosis, repair, and replacement of computer controlled systems, monitors, sensors, lighting systems, wiring harness, electro/hydraulic systems, and hydraulic systems will be emphasized throughout the course.

Merced Campus

- 39004 MTWTh 01:00p-02:25p Donovan, T MA-1
 MTWTh 02:35p-04:50p Donovan, T MA-2
 Comments: SECTION 39004 IS HELD 01/10/22 TO 02/16/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39293 MTWTh 01:00p-02:25p Donovan, T MA-1
 MTWTh 02:35p-04:50p Donovan, T MA-2
 Comments: This class has a web component which requires internet access. Additional fees may apply.

MECH-41 Advanced Diagnosis and Repair

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take MECH-21, MECH-22A, MECH-26, MECH-30, and MECH-33; Minimum grade C,P;

This course is designed for students who have completed a majority of the Diesel Equipment/Mechanized Agricultural courses. Emphasis will be

placed on modern diagnosis and equipment repair techniques used in agriculture, heavy equipment and on-highway truck industries.

Merced Campus

- 39146 MTWTh 08:00a-09:15a Ornelas, R MA-1
 MTWTh 09:25a-11:15a Ornelas, R MA-2
 Comments: SECTION 39146 IS HELD 03/14/22 TO 04/26/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN MECH-23-39020, MECH-24-39002, MECH-27-39003, MECH-32-39004, AND MECH-41-39146. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39147 MTWTh 08:00a-09:15a Ornelas, R MA-1
 MTWTh 09:25a-11:15a Ornelas, R MA-2
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Management (MGMT)**MGMT-50A Challenges of Leadership: Difficult People/Tough Conversations**

0.5 units: 9.0 hours lec, .

This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

Online

- 92811 Pistoresi, J Online
 Comments: Section 92811 is held 03/03/22 to 03/17/22. Section 92811 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.j@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.

Merced Off-Campus

- 97207 Th 01:00p-05:15p Pistoresi, J BRC-123
 Comments: Section 97207 is held 03/03/22 and 03/10/22. Section 97207 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.j@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.

MGMT-50B Values and 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

- 92805 Pistoresi, J Online
 Comments: Section 92805 is held 05/05/22 to 05/19/22. Section 92805 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.j@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.

Merced Campus

- 99151 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99151 is held 03/15/22 to 03/29/22. Section 99151 has a web component which requires internet access.

Merced Off-Campus

97205 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97205 is held 05/12/22 and 05/19/22.
 Section 97205 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

MGMT-50D Communication in the Workplace

0.5 units: 9.0 hours lec, .

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

Online

92810 Pistoiresi, J Online
 Comments: Section 92810 is held 01/20/22 to 02/03/22.
 Section 92810 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

92844 Staff, M Online
 Comments: Section 92844 is held 04/05/22 to 04/26/22. Section 92844 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Faculty yet to be determined 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.

Merced Campus

99152 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99152 is held 04/05/22 to 04/26/22.
 Section 99152 has a web component which requires internet access. COMMENTS: Class will not meet on Tuesday, April 19, 2022.

Merced Off-Campus

97201 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97201 is held 01/20/22 and 01/27/22.
 Section 97201 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

MGMT-50F Team Building

0.5 units: 9.0 hours lec, .

This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

Online

92803 Pistoiresi, J Online
 Comments: Section 92803 is held 03/24/22 to 04/07/22.
 Section 92803 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

Merced Off-Campus

97203 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97203 is held 03/24/22 and 03/31/22.
 Section 97203 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

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

92802 Pistoiresi, J Online
 Comments: Section 92802 is held 02/17/22 to 03/03/22.
 Section 92802 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

Merced Off-Campus

97202 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97202 is held 02/17/22 and 02/24/22.
 Section 97202 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

MGMT-50I Attitude in the Workplace

0.5 units: 9.0 hours lec, .

This course is designed to provide students with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

Online

92840 Pistoiresi, J Online
 Comments: Section 92840 is held 01/11/22 to 01/25/22.
 Section 92840 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoresi.j@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.

Merced Campus

99148 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99148 is held 01/11/22 to 01/25/22.
 Section 99148 has a web component which requires internet access.

MGMT-50K Generational Diversity: Managing Cross Generational Teams

0.5 units: 9.0 hours lec, .

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

Online

92806 Pistoiresi, P Online
 Comments: Section 92806 is held 02/03/22 to 02/17/22.
 Section 92806 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.p@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.

Merced Off-Campus

97206 Th 01:00p-05:15p Pistoiresi, P BRC-122
 Comments: Section 97206 is held 02/03/22 and 02/17/22.
 Section 97206 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.p@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.

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

0.5 units: 9.0 hours lec, .

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

Online

92809 Pistoiresi, J Online
 Comments: Section 92809 is held 05/02/22 to 05/19/22.
 Section 92809 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.j@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.

Merced Off-Campus

97209 Th 01:00p-05:15p Pistoiresi, J BRC-122
 Comments: Section 97209 is held 05/05/22 and 05/12/22.
 Section 97209 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.j@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.

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

92842 Pistoiresi, J Online
 Comments: Section 92842 is held 02/22/22 to 03/08/22.
 Section 92842 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.j@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.

Merced Campus

99150 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99150 is held 02/22/22 to 03/08/22.
 Section 99150 has a web component which requires internet access.

MGMT-50P Emotional Intelligence

0.5 units: 9.0 hours lec, .

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

Online

92808 Pistoiresi, P Online
 Comments: Section 92808 is held 04/07/22 to 04/28/22.
 Section 92808 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.p@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.

Merced Off-Campus

97208 Th 01:00p-05:15p Pistoiresi, P BRC-122
 Comments: Section 97208 is held 04/07/22 and 04/14/22.
 Section 97208 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.p@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.

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

92841 Staff, M Online
 Comments: Section 92841 is held 02/01/22 to 02/15/22. Section 92841 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Faculty yet to be determined 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.

Merced Campus

99149 T 05:30p-08:20p Morse, J VOC-141
 Comments: Section 99149 is held 02/01/22 to 02/15/22.
 Section 99149 has a web component which requires internet access.

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

92854 Pistoiresi, J Online
 Comments: Section 92854 is held 05/04/22 to 05/18/22. Section 92854 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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

92850

Hobbs, J

Online

Comments: Section 92850 is held 02/02/22 to 02/16/22. Section 92850 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.

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

92852

Pistoresi, J

Online

Comments: Section 92852 is held 03/02/22 to 03/16/22. Section 92852 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.j@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.

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

92804

Pistoresi, J

Online

Comments: Section 92804 is held 04/14/22 to 05/05/22. Section 92804 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoresi.j@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.

Merced Off-Campus

97204

Th 01:00p-05:15p Pistoresi, J BRC-123
Comments: Section 97204 is held 04/14/22 and 04/28/22. Section 97204 has a web component which requires internet access.

Music: General (MUSG)**MUSG-14 American Popular Music History**

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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 rela-

tionships 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

52805

Keane, F

Online

Comments: Section 52805 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: Keane.f@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.

Nutrition (NUTR)**NUTR-10 Nutrition**

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

32911

Pecchenino, M

Online

Comments: Section 32911 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

NUTR-45 Introduction to Medical Nutrition Therapy

2.0 units: 36.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-01A is advised.

This course is designed to acquaint students with therapeutic and modified diets used in health care 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 and plans to become a Certified Dietary Manager. It is especially beneficial for those planning employment in health care institutions and is recommended for nursing students.

Online

32915

Pecchenino, M

Online

Comments: This is a Learning Community with NUTR-12-32020, NUTR-37-31183, NUTR-42-31010, and NUTR-45-32915. Section 32915 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

32916

Pecchenino, M

Online

Comments: Section 32916 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pecchenino.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.

NUTR-50 Baking Basics and Business

1.5 units: 18.0 hours lec, 27.0 hours lab.

Prerequisite: *Advised* 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.

Merced Campus

39183	TW	03:40p-04:30p	Deangelo, V	VOC-142
	TW	04:40p-05:55p	Deangelo, V	VOC-142

NUTR-52N Fuel Your Body for Success: the Link Between Food, Quality Sleep, and 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

92851		Hobbs, J	Online
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Comments: Section 92851 is held 02/02/22 to 02/16/22. Section 92850 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hobbs@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.

Philosophy (PHIL)

PHIL-13 Critical Reasoning and Writing

3.0 units: 54.0 hours lec, .

Prerequisite: *Required* 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

79089		Chavez, C	Online
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Comments: This is a Learning Community which requires registration in GUID-45-72743 and ENGL-13-79039 or PHIL-13-79089. Section 79089 is held 03/14/22 to 05/20/22 and has a web component requiring internet access; additional fees may apply.

Merced Campus

29021	MWF	09:00a-10:50a	Barba, M	IAC-127
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Comments: Section 29021 is held from 01/10/22 to 03/11/22. This class may have a web component which requires internet access. Section 29021 is part of a Puente Learning Community with ENGL-13-29020, ENGL-01B-29022 and GUID-45-81065. CONTACT: barba.m@mccd.edu

Political Science (POSC)

POSC-01 Essentials of American Political System

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-85AC 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, constitu-

tional 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

52806		Carlson, J	Online
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Comments: Section 52806 is held from 03/14/22 to 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: jon.carlson@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.

Psychology (PSYC)

PSYC-01A Introduction to Psychology

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* Previously taken ENGL-85AC 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

52807		Adams, H	Online
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Comments: Section 52807 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: heather.adams2213@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.

52808		Rodriguez, A	Online
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Comments: Section 52808 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: antonio.rodriguez@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.

PSYC-09 Human Development

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

52809		Clifford, J	Online
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Comments: Section 52809 is held from 01/10/22 to 03/11/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.

59617		Bluett-Murphy, V	Online
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Comments: Section 59617 will be held from 01/10/22-3/11/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

59618		Bluett-Murphy, V	Online
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Comments: Section 59618 is held from 03/14/22-05/20/22 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-murp@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.

PSYC-22 Human Sexuality

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

52810 Engelke, V Online

Comments: Section 52810 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: vicki.engelke@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.

PSYC-36 Developmental Psychology: Adolescence

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

52811 Clifford, J Online

Comments: Section 52811 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: clifford.j@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.

Real Estate (REAL)

REAL-42 Real Estate Principles

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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.

Merced Campus

92966 W 05:30p-08:20p Navarro, R VOC-141

Comments: Section 92966 is held 01/10/22 to 02/18/22. CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS: Lecture: Wednesdays; 05:30p-08:20p; VOC-141. COMMENTS: Remaining lecture hours will be online. Section 92966 has a web component which requires internet access.

REAL-43 Real Estate Practices

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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.

Merced Campus

92967 W 05:30p-08:20p Navarro, R VOC-141

Comments: Section 92967 is held 02/22/22 to 04/01/22. CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS: Lecture: Wednesdays; 05:30p-08:20p; VOC-141. COMMENTS: Remaining lecture hours will be online. Section 92967 has a web component which requires internet access.

REAL-44 Legal Aspects of Real Estate

3.0 units: 54.0 hours lec, .

This course prepares the student for the role of a social Media Strategist and for the National Institute for Social Media Strategist certification examination.

Merced Campus

92968 W 05:30p-08:20p Navarro, R VOC-141

Comments: Section 92968 is held 04/04/22 to 05/20/22. CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS: Lecture: Wednesdays; 05:30p-08:20p; VOC-141. COMMENTS: Remaining lecture hours will be online. Section 92968 has a web component which requires internet access.

Sociology (SOC)

SOC-02 Contemporary Social Problems

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

52812 Botts, J Online

Comments: Section 52812 is held from 03/14/22 TO 05/20/22; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: james.botts@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.

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

22902 Flatt, S Online

Comments: CONTACT: Susan.flatt@mccd.edu

Virtual Office (VIRT)

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

92801 Pirtle, T Online

Comments: Section 92801 is held 04/11/22 to 05/20/22. Section 92801 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@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.

92889 Pirtle, T Online

Comments: Section 92889 is held 01/10/22 to 02/09/22. This is a Learning Community with AOM-43-92883, AOM 50B-92884, AOM-50C-92886, AOM-52C-92887, AOM-56-92888, AOM-58A-92857, and VIRT-51-92889. Section 92889 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: toni.pirtle@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu.

edu/myhelp/ or call (209) 381-6565.

92890 Pirtle, T Online

Comments: Section 92890 is held 01/10/22 to 02/09/22.

Section 92890 will be offered remotely and has a web component requiring internet access; additional fees may apply.

Contact: toni.pirtle@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.

VIRT-55 Social Media Marketing and Strategy

3.0 units: 54.0 hours lec, .

Prerequisite: *Advised* 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

92829 Pirtle, T Online

Comments: Section 92829 is held 02/14/22 to 03/18/22.

Section 92829 will be offered remotely and has a web component requiring internet access; additional fees may apply.

Contact: toni.pirtle@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.

Vocational Nusing (VOCN)

VOCN-46A Applied Mathematics for Pharmacology

1.0 units: 18.0 hours lec, .

Prerequisite: *Required* 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.

Merced Campus

49003 M 10:30a-12:50p Cazares, K AHC-130

Comments: Section 49003 is held from 01/10/22 to 03/07/22.

49004 F 12:00p-02:15p Roe, L AHC-130

Comments: Section 49004 is held from 01/14/22 to 03/11/22.

Welding Technology (WELD)

WELD-06 Fundamentals of Oxy-Fuel Welding and Shielded Metal Arc Welding

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken MATH-80 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

39124 MTWThF 08:00a-09:05a Scroggins, B PS-2

MTWThF 09:15a-11:05a Scroggins, B IT-6

Comments: SECTION 39124 IS HELD 01/24/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39125 MTWThF 08:00a-09:05a Russell, C PS-2

MTWThF 09:15a-11:05a Russell, C IT-6

Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

79807 MTWThF 08:00a-09:05a Xiong, F OFLL-HBPG

MTWThF 09:15a-11:05a Xiong, F OFLL-HBPG

Comments: Section 79807 is held from 01/24/22 to 03/04/22.

LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79809 MTWThF 08:00a-09:05a Xiong, F OFLL-HBPG

MTWThF 09:15a-11:05a Xiong, F OFLL-HBPG

Comments: Section 79809 is held from 01/24/22 to 03/04/22.

LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-07 Fundamentals of TIG & MIG Welding

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take WELD-53 concurrently with WELD-07.

Advised 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

39126 MTWThF 01:00p-02:05p Russell, C VOC-42

MTWThF 02:15p-04:05p Russell, C IT-6

Comments: SECTION 39126 IS HELD 01/24/22 TO 03/03/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39127 MTWThF 01:00p-02:05p Russell, C VOC-42

MTWThF 02:15p-04:05p Russell, C IT-6

Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

79813 MTWThF 01:00p-02:05p Xiong, F OFLL-HBPG

MTWThF 02:15p-04:05p Xiong, F OFLL-HBPG

Comments: Section 79813 is held from 01/24/22 to 03/04/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79815 MTWThF 01:00p-02:05p Xiong, F OFLL-HBPG

MTWThF 02:15p-04:05p Xiong, F OFLL-HBPG

Comments: Section 79815 is held from 01/24/22 to 03/04/22.

LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40A Introduction to Welding Design and Construction

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take Weld-07. Minimum Grade C,P;

This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

Merced Campus

39130 MTWThF 08:00a-10:15a Scroggins, B PS-2

MTWThF 10:25a-01:55p Scroggins, B IT-6

Comments: SECTION 39130 IS HELD 03/28/22 TO 04/14/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

- 39131 MTWThF 08:00a-10:15a Scroggins, B PS-2
 MTWThF 10:25a-01:55p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.
- 39134 MW 05:00p-06:50p Scroggins, B VOC-42
 MW 07:00p-10:05p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

- 79819 MTWThF 08:00a-10:20a Xiong, F OFLL-HBPG
 MTWThF 10:30a-02:05p Xiong, F OFLL-HBPG
 Comments: Section 79819 is held from 04/04/22 to 04/29/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
- 79821 MTWThF 08:00a-10:20a Xiong, F OFLL-HBPG
 MTWThF 10:30a-02:05p Xiong, F OFLL-HBPG
 Comments: Section 79821 is held from 04/04/22 to 04/29/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40B Advanced Welding Design and Construction

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take WELD-40A; Minimum grade C,P;
 This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.

Merced Campus

- 39132 MTWThF 08:00a-09:30a Russell, C PS-2
 MTWThF 09:40a-12:05p Russell, C IT-6
 Comments: SECTION 39132 IS HELD 04/25/22 TO 05/19/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39133 MTWThF 08:00a-09:30a Russell, C PS-2
 MTWThF 09:40a-12:05p Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.
- 39256 TTh 05:10p-07:00p Russell, C VOC-42
 TTh 07:10p-10:00p Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

- 79825 MTWThF 08:00a-10:10a Xiong, F OFLL-HBPG
 MTWThF 10:20a-01:40p Xiong, F OFLL-HBPG
 Comments: Section 79825 is held from 05/02/22 to 05/20/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
- 79827 MTWThF 08:00a-10:10a Xiong, F OFLL-HBPG
 MTWThF 10:20a-01:40p Xiong, F OFLL-HBPG
 Comments: Section 79827 is held from 05/02/22 to 05/20/22. LOCATION: 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.

Prerequisite: *Advised* Previously taken MATH-80 and WELD-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

- 39128 MTWThF 08:00a-11:20a Scroggins, B IT-6
 Comments: SECTION 39128 IS HELD 03/07/22 TO 03/25/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.
- 39129 MTWThF 08:00a-11:20a Scroggins, B IT-6
 Comments: WEB COMPONENT WHICH WILL REQUIRE YOU TO HAVE INTERNET ACCESS.
- 39135 MW 05:10p-08:00p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

- 79835 MTWThF 01:00p-04:20p Xiong, F OFLL-HBPG
 Comments: Section 79835 is held from 03/07/22 to 03/25/22. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
- 79837 MTWThF 01:00p-04:20p Xiong, F OFLL-HBPG
 Comments: Section 79837 is held from 03/07/22 to 03/25/22. LOCATION: 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: *Required* Previously taken WELD-07 and WELD-06 and passed with a grade of C or received an equivalent

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

- 39175 TTh 05:10p-06:00p Russell, C VOC-42
 TTh 06:10p-09:00p Russell, C IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

WELD-53 Fabrication Equipment Operation and Safety

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: ENGL-84A. 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

- 39122 MTWThF 08:00a-09:50a Scroggins, B PS-2
 MTWThF 10:00a-03:50p Scroggins, B IT-6
 Comments: SECTION 39122 IS HELD 01/10/22 TO 01/21/22. THIS IS A LEARNING COMMUNITY AND REQUIRES REGISTERING IN DRFT-44-39120, WELD-06-39124, WELD-07-39126, WELD-40A-39130, WELD-40B-39132, AND WELD-46-39128. THIS CLASS HAS A WEB COMPONENT WHICH REQUIRES INTERNET ACCESS. ADDITIONAL FEES MAY APPLY.

39123 MTWThF 08:00a-09:50a Scroggins, B PS-2
 MTWThF 10:00a-03:50p Scroggins, B IT-6
 Comments: This class has a web component which requires internet access. Additional fees may apply.

Los Banos Off-Campus

79853 MTWThF 08:00a-09:50a Xiong, F OFLL-HBPG
 MTWThF 10:00a-03:50p Xiong, F OFLL-HBPG
 Comments: Section 79853 is held from 01/10/22 to 01/21/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79855 MTWThF 08:00a-09:50a Xiong, F OFLL-HBPG
 MTWThF 10:00a-03:50p Xiong, F OFLL-HBPG
 Comments: Section 79855 is held from 01/10/22 to 01/21/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

SHORT TERM CLASSES

Off Campus Classes

Allied Health (ALLH)

ALLH-24 Work Experience in Allied Health

1.0 units: .

Prerequisite: *Advised* Previously taken 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: <https://mag.mccd.edu/Work40Info> <http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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: <https://mag.mccd.edu/Work40Info> <http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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: <https://mag.mccd.edu/Work40Info> <http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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: <https://mag.mccd.edu/Work40Info> <http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html>. 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.

Business - Non-Credit (BUSN)

BUSN-749 Microcomputers & Business

0.0 units: .

This entry-level course is designed for the adult student who desires vo-

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

Merced Off-Campus

95908 MTWTh 08:00a-04:00p Carroll, C BRC-216

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

BUSN-756 Intro to Technical Office Occupations

0.0 units: .

This entry-level course is designed for the adult student who desires vocational training in the field of Technical Office Occupations. This course will introduce students to microcomputers and the Windows software environment. Students will learn to identify the components of desktop screens and learn to execute basic computer commands. The class will also cover internet browsing, email, website navigation, and downloading files. The course is project-based to develop student entry-level skill proficiency in using Microsoft Office Word, Power Point and Excel. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 450 hours in duration and is open entry format.

Merced Off-Campus

95910 MTWTh 08:00a-04:00p Carroll, C BRC-206

MTWTh 08:00a-04:00p BRC-207

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

Computer Tech and Info Systems (CTIS)

CTIS-17 Systems and Network Administration

3.0 units: 27.0 hours lec, 108.0 hours lab.

Prerequisite: *Required* Previously taken CTIS-15 or CTIS-16 and passed with a grade of C or received an equivalent.

This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students will learn how to configure routers and switches for advanced functionality. At the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement a WLAN in a small-to-medium network. This course is 3 of 4 in the Google IT Support Specialist Certificate, course 3 or 4 in the CCNA certificate, and gets a student ready for the CompTIA Server+ Certification.

Online

12121 T 08:00a-09:15a Celly, B VOC-42
T 09:30a-11:30a Celly, B VOC-42
Celly, B Online

Comments: Section 12121 will be held either on campus or in Canvas/Zoom during the scheduled times and days (synchronous). Additionally, 4 Lab hours per week will be held online. This course requires internet access and a webcam is recommended-please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: bhrigu.celly@mccd.edu for course-specific questions.

Diagnostic Medical Sonography (SONO)

SONO-45B Clinical Experience IV

9.0 units: 504.0 hours lab.

Prerequisite: *Required* Take SONO-45C

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation of basic vascular sonography is provided. Clinical experience in abdominal, obstetric and gynecological, and superficial structures imaging is also provided.

Merced Off-Campus

47207 - Zelinsky, C
Comments: Section 47207 requires 504 hours by arrangement.

Drafting Technology (DRFT)

DRFT-44 Print Reading & Sketching

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Advised* 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.

Los Banos Off-Campus

79801 MTWThF 08:00a-09:30a Xiong, F OFLL-HBPG
MTWThF 09:40a-12:05p Xiong, F OFLL-HBPG
Comments: Section 79801 is held from 03/07/22 to 04/01/22.
LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.
79803 MTWThF 08:00a-09:30a Xiong, F OFLL-HBPG
MTWThF 09:40a-12:05p Xiong, F OFLL-HBPG
Comments: Section 79803 is held from 03/07/22 to 04/01/22.
LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

Education - Non-Credit (EDU)

EDU-110 Reading and Computers

0.0 units: .
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 09:00a-12:00p Vitato, J BRC-215
Comments: This class may have a web component which requires internet access.

EDU-111 Reading and 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 MTWTh 09:00a-12:00p Vitato, J BRC-215
Comments: This class may have a web component which requires internet access.

EDU-112C Skills Acquisition for Student Success - Allied Health

0.0 units: .
This course is designed to provide students the opportunity to improve and enhance their allied health skills through any number of training exercises that assist in the clinical development of and reinforcement of the

practical allied health skills. The course is in a lab setting enriched with a resource library, manikins (for skills practice), and computer stations. Course duration is 8-36 hours. Open Entry.

Merced Off-Campus

95115W 03:00p-07:00p Mehat, S
BRC-120 Comments: This class may have a web component which requires internet access.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.

Merced Off-Campus

95631 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95632 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95633 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95634 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.
95636 W 08:30a-12:30p Rentfrow, R BRC-120
W 01:30p-04:30p Rentfrow, R BRC-120
Comments: This class may have a web component which requires internet access.

Electricity/Electronics Tech (ELCT)

ELCT-34 Digital Logic, Circuits, and Systems (Foundations of Electronics)

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Advised* Previously taken ELCT-30 ELCT-31 ELCT-41 and ELCT-52 is advised.

The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems. A/D and D/A converters and the basic operation of programmable logic controllers and microcomputers will be introduced.

Online

19297 Celly, B Online
Comments: Section 19297 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

ELCT-36 Networking Topologies and Cabling

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Advised* Previously taken ELCT-51B and EN-GL-85AC and MATH-80 is advised.

This is a course designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI) Register installer. Level I exam, and employment as a telecommunications cabling installer. Students will gain an understanding of the cabling industry, U.S. and international standards, basic networking, signal transmission, copper cabling, fiber optics, installation, safety, structured cabling system basics, cable management, cable testing, and emerging technologies. Students will also be prepared

to read network design documentation, architectural blueprints, set up part parts lists, purchase components, pull and mount cable, choose wiring closets, install jacks, and perform cable testing. This course is repeatable three times.

Online

19298

Celly, B

Online

Comments: Section 19298 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

ELCT-51B A+ Certification Training

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken ELCT-51A is advised.

Previously taken ENGL-85AC 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

19299

Celly, B

Online

Comments: Section 19299 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bhrigu.celly@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.

English - Non-Credit (ENG)**ENG-801 Beginning ESL Skills**

0.0 units: .

This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/oral skills and visual reinforcement. Course duration is 204 - 288 hours.

Merced Off-Campus

95103 MTWTh 08:30a-11:30a Staff, M

OFML-LIVIN

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

ENG-802 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 - 288 hours.

Merced Off-Campus

95104 MTWTh 08:30a-11:30a Staff, M

OFML-LIVIN

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

ENG-813 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 - 288 hours.

Merced Off-Campus

95020 MTWTh 08:15a-12:00p Worden, F

BRC-210

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

95105 MTWTh 08:30a-11:30a Staff, M

OFML-LIVIN

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

ENG-815 Intermediate ESL Skills

0.0 units: .

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. Course duration is 204 - 288 hours.

Merced Off-Campus

95106 MTWTh 08:30a-11:30a Staff, M

OFML-LIVIN

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

Online

95021

Worden, F

Online

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

ENG-821 Foundations in Academic Literacy II for Non-Native Speakers

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.

Merced Off-Campus

95111 TTh 01:00p-02:50p Lankford, T

BRC-210

Comments: Section 95111 has a web component requiring internet access; additional fees may apply. Contact: taylor.lankford@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.

English As A Second Language (ESL)**ESL-84E Foundations in Academic Literacy II for Non-Native**

5.0 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.

Merced Off-Campus

21475 MW 12:00p-02:15p Lankford, T

BRC-123

Comments: CONTACT: taylor.lankford@mccd.edu IN-CLASS SESSIONS: Monday, Wednesdays; 12:00p-02:15p; BRC-123. COMMENTS: 2.5 Lecture hours will be held online. Section 21475 has a web component requiring internet access; additional fees may apply. The instructor for this class uses FREE ONLINE COURSE MATERIALS. Please contact the instructor for more information.

G.E.D. - Non-Credit (GED)**GED-101 Basic Skills Development and Ged Preparation**

0.0 units: .

This 204-288 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.

Merced Off-Campus

95164 TTh 08:15a-12:15p Melo, J BRC-214
Comments: This class may have a web component which requires internet access.

Online

95060 MW 08:15a-12:15p Melo, J CLS-CLS
Comments: Section 95060 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course requires internet access and a webcam is recommended- please contact the Merced College Technology Support (209) 381-6565 for technical assistance or technology resources. Additional fees may apply. Contact: joann.melo@mccd.edu for course-specific questions.

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 - Botsford, S
Comments: Section 95610 will be offered through correspondence; additional fees may apply. COMMENTS: Classes denoted as correspondence will receive a packet(s) of course-work to complete. Contact: stephanie.botsford@mccd.edu for course-specific questions.

95620 - Botsford, S
Comments: Section 95620 will be offered through correspondence; additional fees may apply. COMMENTS: Classes denoted as correspondence will receive a packet(s) of course-work to complete. Contact: stephanie.botsford@mccd.edu for course-specific questions.

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.

Merced Off-Campus

95032 MW 05:00p-07:00p Alvarado Barba, A LB-B-107
Comments: This class may have a web component which requires internet access.

Kinesiology (KINE)

KINE-02 First Aid and CPR for the Professional Rescuer

3.0 units: 54.0 hours lec. Prerequisite: *Advised* 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

42612 McCall, S Online
Comments: CONTACT: mccall.s@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 08:00am-9:00pm; COMMENTS: 3 Lecture hours per week will be held online. Section 42612 has a web component requiring internet access; additional fees may apply.

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.

Los Banos Off-Campus

74343 MW 12:30p-01:45p Mendes, D OFLL-LBPC
Comments: Section 74343 is located at Positive Changes; 1001 6th Street; Los Banos

KINE-36 Walking for Fitness

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.

Los Banos Off-Campus

74347 TTh 08:00a-09:15a Mendes, D OFLL-LBPC
Comments: Section 74347 is located at Positive Changes; 1001 6th Street; Los Banos

Learning Resources (LRNR)

LRNR-30 Information Competency in the Electronic Age

3.0 units: 54.0 hours lec.

Prerequisite: *Advised* Previously taken 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
Comments: CONTACT: karrie.bullock@mccd.edu IN-CLASS SESSIONS: Lecture; Wednesdays; 9:00a-9:50a; VOC-114 COMMENTS: 3 Lecture hours per week will be held online. Section 62700 has a web component requiring internet access; additional fees may apply.

Liberal Studies (LBST)

LBST-20 Introduction to Education II

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* 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

22338

Pimentel, M Online

Comments: Section 22338 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: pimentel.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.

Management (MGMT)**MGMT-50A Challenges of Leadership: Difficult People/Tough Conversations**

0.5 units: 9.0 hours lec.

This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

Merced Off-Campus

97207 Th 01:00p-05:15p Pistoiresi, J BRC-123
Comments: Section 97207 is held 03/03/22 and 03/10/22. Section 97207 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50B Values and 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.

Merced Off-Campus

97205 Th 01:00p-05:15p Pistoiresi, J BRC-123
Comments: Section 97205 is held 05/12/22 and 05/19/22. Section 97205 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50D Communication in the Workplace

0.5 units: 9.0 hours lec.

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

Merced Off-Campus

97201 Th 01:00p-05:15p Pistoiresi, J BRC-123
Comments: Section 97201 is held 01/20/22 and 01/27/22. Section 97201 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50F Team Building

0.5 units: 9.0 hours lec.

This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

Merced Off-Campus

97203 Th 01:00p-05:15p Pistoiresi, J BRC-123
Comments: Section 97203 is held 03/24/22 and 03/31/22. Section 97203 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

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.

Merced Off-Campus

97202 Th 01:00p-05:15p Pistoiresi, J BRC-123
Comments: Section 97202 is held 02/17/22 and 02/24/22. Section 97202 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50K Generational Diversity: Managing Cross Generational Teams

0.5 units: 9.0 hours lec.

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

Merced Off-Campus

97206 Th 01:00p-05:15p Pistoiresi, P BRC-122
Comments: Section 97206 is held 02/03/22 and 02/17/22. Section 97206 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.p@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.

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

0.5 units: 9.0 hours lec.

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

Merced Off-Campus

97209 Th 01:00p-05:15p Pistoiresi, J BRC-122
Comments: Section 97209 is held 05/05/22 and 05/12/22. Section 97209 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: pistoiresi.j@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.

MGMT-50P Emotional Intelligence

0.5 units: 9.0 hours lec.

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

Merced Off-Campus

97208 Th 01:00p-05:15p Pistoiresi, P BRC-122
 Comments: Section 97208 is held 04/07/22 and 04/14/22.
 Section 97208 will be offered remotely and has a web component requiring internet access; additional fees may apply.
 Contact: pistoiresi.p@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.

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.

Merced Off-Campus

97204 Th 01:00p-05:15p Pistoiresi, J BRC-123
 Comments: Section 97204 is held 04/14/22 and 04/28/22.
 Section 97204 has a web component which requires 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 MTWTh 08:00a-04:00p Eighmey, P BRC-220
 Comments: This class may have a web component which requires internet access.

95904 TW 03:00p-07:00p Mehat, S LB-B-138
 M 04:00p-08:00p Mehat, S LB-B-138
 Th 04:00p-08:00p Mehat, S LB-B-138
 Th 03:00p-07:00p Mehat, S LB-B-138
 Th 04:00p-08:00p Mehat, S LB-B-138
 Th 03:00p-07:00p Mehat, S LB-B-138
 Th 04:00p-08:00p Mehat, S LB-B-138

Th 03:00p-07:00p Mehat, S LB-B-138 Th
 04:00p-08:00p Mehat, S LB-B-138
 Comments: This class may have a web component which requires internet access.

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

5.0 units: 270.0 hours lab. Prerequisite: *Required* Take RADT-12A Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

Merced Off-Campus

47203 - Lang, K
 Comments: Section 47203 requires 270 hours by arrangement.

RADT-24 Work Experience in Radiology

1.0 units: .

Prerequisite: *Advised* Previously taken 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>. 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>. 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.

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

22902 Flatt, S Online
 Comments: CONTACT: Susan.flatt@mccd.edu

Welding Technology (WELD)**WELD-06 Fundamentals of Oxy-Fuel Welding and Shielded Metal Arc Welding**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Advised* Previously taken MATH-80 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.

Los Banos Off-Campus

79807 MTWThF 08:00a-09:05a Xiong, F OFLL-HBPG
 MTWThF 09:15a-11:05a Xiong, F OFLL-HBPG
 Comments: Section 79807 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79809 MTWThF 08:00a-09:05a Xiong, F OFLL-HBPG
 MTWThF 09:15a-11:05a Xiong, F OFLL-HBPG
 Comments: Section 79809 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-07 Fundamentals of TIG & MIG Welding

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take WELD-53 concurrently with WELD-07.

Advised 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.

Los Banos Off-Campus

79813 MTWThF 01:00p-02:05p Xiong, F OFLL-HBPG
 MTWThF 02:15p-04:05p Xiong, F OFLL-HBPG
 Comments: Section 79813 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79815 MTWThF 01:00p-02:05p Xiong, F OFLL-HBPG
 MTWThF 02:15p-04:05p Xiong, F OFLL-HBPG
 Comments: Section 79815 is held from 01/24/22 to 03/04/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40A Introduction to Welding Design and Construction

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take Weld-07. Minimum Grade C,P;

This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

Los Banos Off-Campus

79819 MTWThF 08:00a-10:20a Xiong, F OFLL-HBPG
 MTWThF 10:30a-02:05p Xiong, F OFLL-HBPG
 Comments: Section 79819 is held from 04/04/22 to 04/29/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79821 MTWThF 08:00a-10:20a Xiong, F OFLL-HBPG
 MTWThF 10:30a-02:05p Xiong, F OFLL-HBPG
 Comments: Section 79821 is held from 04/04/22 to 04/29/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-40B Advanced Welding Design and Construction

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: *Required* Take WELD-40A; Minimum grade C,P;

This course is a continuation of WELD 40A. It covers basic and advanced metal fabrication skills as well as the design and construction of special agricultural and industrial equipment.

Los Banos Off-Campus

79825 MTWThF 08:00a-10:10a Xiong, F OFLL-HBPG
 MTWThF 10:20a-01:40p Xiong, F OFLL-HBPG
 Comments: Section 79825 is held from 05/02/22 to 05/20/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79827 MTWThF 08:00a-10:10a Xiong, F OFLL-HBPG
 MTWThF 10:20a-01:40p Xiong, F OFLL-HBPG

Comments: Section 79827 is held from 05/02/22 to 05/20/22.
 LOCATION: 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.

Prerequisite: *Advised* Previously taken MATH-80 and WELD-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.

Los Banos Off-Campus

79835 MTWThF 01:00p-04:20p Xiong, F OFLL-HBPG
 Comments: Section 79835 is held from 03/07/22 to 03/25/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79837 MTWThF 01:00p-04:20p Xiong, F OFLL-HBPG
 Comments: Section 79837 is held from 03/07/22 to 03/25/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

WELD-53 Fabrication Equipment Operation and Safety

2.0 units: 18.0 hours lec, 54.0 hours lab.

Advisory: ENGL-84A. This course is an introduction to the welding program. It gives students the opportunity to familiarize themselves with commonly used equipment in industry. In addition to familiarizing themselves with industry standard equipment, they will be trained in lab procedure which will ensure students in more advanced classes can use the equipment without reserve.

Los Banos Off-Campus

79853 MTWThF 08:00a-09:50a Xiong, F OFLL-HBPG
 MTWThF 10:00a-03:50p Xiong, F OFLL-HBPG
 Comments: Section 79853 is held from 01/10/22 to 01/21/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. This is a Learning Community course which requires registration in: DRFT-44-79801, WELD-06-79807, WELD-07-79813 WELD-40A-79819, WELD-40B-79825, and WELD-46-79835, WELD-53-79853.

79855 MTWThF 08:00a-09:50a Xiong, F OFLL-HBPG
 MTWThF 10:00a-03:50p Xiong, F OFLL-HBPG
 Comments: Section 79855 is held from 01/10/22 to 01/21/22.
 LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

Work Experience (WORK)

WORK-40 General Work Experience

1.0 units: .

Prerequisite: *Advised* Previously taken 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 Off-Campus

- 23061

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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. Each unit of study requires students to work 75 hours or volunteer 60 hours. Hillmar HS.
- 23062

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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. Each unit of study requires students to work 75 hours or volunteer 60 hours. Gustine HS.



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