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# REGISTRATION INFORMATION

## REGISTRATION GUIDE

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

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

CONTINUING STUDENTS

The date you may begin Fall 2021 registration depends upon the registration group you are assigned (the registration group dates may be found below). Students will be notified of their registration group through Merced College student e-mail. If you did not receive an e-mail notification or disagree with the registration group assigned to you, please come to the Admissions & Records office.

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

Note 1: Successful completion of a course means you received a grade of “C” or better or a “P” (Pass).
Note 2: If you want to register in a course which has a prerequisite you have not met, you must file a Prerequisite Challenge Form and supporting documentation at the time of registration. Counselors can assist in this process if you need help.
Note 3: Telephone registration is no longer available.

NEW AND FORMER STUDENTS

New and former students must complete the Steps to Registration prior to any enrollment at Merced College. These steps include application, orientation, placement questionnaire, and a counselor appointment to begin educational planning. To see information about the steps to Registration, go to http://www.mccd.edu/getstarted/apply.html. Students may register for classes after completing these steps. New and former students will be issued a Merced College student e-mail account and WebAdvisor sign on access within one business day of applying to Merced College.

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

PLACEMENT PROCESS

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

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

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

IMPORTANT ALERT!

Effective Summer 2012, students will be allowed to enroll in most courses for a maximum of three times, including “w’s,” repeats, and pass/no pass grades. This change is retroactive to a student’s original enrollment at Merced College. Students are strongly encouraged to seek additional information about their individual situations from counseling and/or the Admissions and Records Office. These regulations have been established by the Board of Governors of the California Community Colleges.
ENGLISH COURSE PLACEMENT 2021-2022

**Effective Fall 2019**

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

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### COURSE GUIDE

<table>
<thead>
<tr>
<th><strong>ENGL 01A</strong></th>
<th><strong>ENGL 01A + ENGL 95S</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Online, Hybrid, or Face to Face</strong></td>
<td><strong>Hybrid or Face to Face</strong></td>
</tr>
<tr>
<td><strong>Self-Reported HS GPA of 2.6 or higher</strong></td>
<td><strong>Self-Reported HS GPA below 2.6</strong></td>
</tr>
<tr>
<td>This is a 4 unit, freshman reading and composition course. Students place into this course through the GPA reporting process and multiple measures assessment, or by passing ENGL 95S, ENGL 85 AC, or ESL 85E</td>
<td>This is a linked pair of courses for students who need extra support to be successful in English 01A, college level reading and composition. Students will be enrolled in a section of ENGL 01A (4 units) that is hard linked to a section of ENGL 95S (2 units) with the same instructor and cohort of students. Students place into this class by reporting a high school GPA below 2.6 in the placement questionnaire.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ESL 84E or ESL 85E</strong></th>
<th><strong>English 85 AC</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Face to Face</strong></td>
<td><strong>Face to Face</strong></td>
</tr>
<tr>
<td><strong>ESL 84E → ESL 85E → ENGL 01A</strong></td>
<td><strong>ENGL 85AC → ENGL 01A</strong></td>
</tr>
<tr>
<td>ESL 84E and ESL 85E are 5 unit, nontransferable courses designed for students whose primary language is not English. These courses help students develop the necessary academic reading and writing skills to succeed in English 01A and other transfer-level courses. These courses focus primarily on writing paragraphs and essays, and reading academic texts. All non-native English speakers should speak with a counselor to discuss placement options or self-place using the ESL self-assessment. A noncredit ESL pathway is also available.</td>
<td>This is a 5 unit, nontransferable course for students who feel underprepared for English 01A or English 01A with English 95S. <strong>Students must self-place into this class and sign a placement waiver.</strong></td>
</tr>
</tbody>
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Last updated 25 March 2019
MATHEMATICS SEQUENCE 2019-2020

Degree applicable courses
- Transferable
- Meets the Math Competency requirements

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

Updated 3/13/19

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

STATISTICS PATHWAY

MATH-10
MATH-95S
MATH-88

NON STEM PATHWAY

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

MATH-61
MATH-C

STEM PATHWAY

MATH-4A
MATH-4B
MATH-07
MATH-08

MATH-02
MATH-60A
MATH-02

MATH-06
MATH-08
MATH-07
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).

<table>
<thead>
<tr>
<th>REGISTRATION GROUP DATES</th>
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</thead>
<tbody>
<tr>
<td><strong>GROUP 1</strong></td>
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</tbody>
</table>
| Registration begins      | Monday April 12, 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:  
• 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      | Wednesday April 14, 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:  
• 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      | Monday April 19, 2021 | New students, including graduating high school seniors, who:  
• have completed orientation, assessment and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College |
| **GROUP 2C**             |
| Registration begins      | Monday April 26, 2021 | Returning students and all other continuing students at Merced College prior to semester enrolling and who:  
• have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College  
• have completed less than 100 degree applicable units at Merced College  
• do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |
| **Open Registration**    |
| Registration begins      | Wednesday April 28, 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.

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

Fees are subject to change.

**Enrollment Fee** ........................................................................................................................................................................... $46 per unit

**Health Fee** ........................................................................................................................................................................................................................................... $21.00

**Parking Fee** ........................................................................................................................................................................................................................................... auto $30.00; or $2.00 per day

**Student Rep Fee** ........................................................................................................................................................................................................................................... $2.00

**Student Body Fee** ........................................................................................................................................................................................................................................... $5.00

**Non-Resident Tuition** ........................................................................................................................................................................................................................................... $261 per unit, plus enrollment fee

**Transportation Fee**........................................................................................................................................................................................................................................... $9.95 Enrolled 12 units or more

**Transportation Fee**........................................................................................................................................................................................................................................... $6.95 Enrolled less than 12 units

*Ed Code Section 76355 allows exemption from the Health Fee solely to those students meeting the following criteria:
1. Depend exclusively upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination, or organization
2. Are attending a community college under an approved apprenticeship training program
This form must be submitted by the end of the first week of the semester. Please contact the Student Fees Office for more information.

**Ed. Code Section 76060.5 allows the Students to request a waiver of the student rep fee
1. Fee is used to support student advocacy at the local, state and national levels. No fee for summer session.
2. Student Representation Fee Waiver forms are available at 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.

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**MC4FREE**

Full Time + First Time = Free

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

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

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

If you want to check your eligibility, stop by the Financial Aid Office and speak with a Financial Aid Advisor.
FALL 2021 BUSINESS HOURS

MERCED COLLEGE STUDENT SERVICES & COUNSELING

MERCED CAMPUS AND LOS BANOS CAMPUS

Hours are subject to change

Regular Hours:
Monday - Friday.........................................8:00am-05:00pm

Late Nights: 8:00 am - 7:00 pm
   August 16-18, 2021

MERCED COLLEGE STUDENT FEES

MERCED CAMPUS

Hours are subject to change

Regular Hours:
Monday - Friday.........................................8:00am-04:00pm

Late Nights: 8:00 am - 6:30 pm
   August 16-18, 2021

LOS BANOS CAMPUS

Hours are subject to change

Regular Hours:
Monday - Wednesday............................... 9:00am-1:30pm
Thursday...................................................  9:30am-1:00pm

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

Student Fees Email:
studentfees_custsvc@mccd.edu

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 though the SSTC Zoom Virtual Office ID# 989-5340-3321.

*All academic support services are free to MC students
# FALL 2021 CALENDAR and IMPORTANT DATES

## AUGUST 2021
- **END 7-WEEK SUMMER SESSION**
  - AUG 5
- **FLEX DAYS, AUG 12-13**
- **FALL 2021 INSTRUCTION BEGINS, AUG 16**

## SEPTEMBER 2021
- **NO SATURDAY CLASSES SEPT. 4**
- **LABOR DAY, SEPT. 6**
- **CENSUS DAY, SEPT 7**

## OCTOBER 2021
- **MID-SESSION BEGINS, OCT 18**

## NOVEMBER 2021
- **VETERANS’ DAY, NOV 11**
- **THANKSGIVING BREAK, NOV 25-26**
- **NO SATURDAY CLASSES, NOV 27**

## DECEMBER 2021
- **FINALS, DEC 13-17**
- **END OF SEMESTER, DEC 18**
- **WINTER BREAK, COLLEGE CLOSED DEC 24-JAN 1**

## JANUARY 2022
- **NEW YEARS DAY, JAN 1**
- **SPRING FLEX DAYS, JAN 6-7**
- **SPRING 2022 SEMESTER BEGINS, JAN 10**
- **NO SATURDAY CLASS, JAN. 15**
- **MLK DAY, JAN 17**

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**FALL 2021**
- Fall 2021 Semester registration begins ................................................................. April 12
- Fall 2021 Semester Instruction Begins/ Adds Require Instructor’s Signature .................. August 16
- REFUND DEADLINE FOR 18-WEEK CLASSES .......................................................... August 29
- For classes less than 18 weeks, you must drop the day before 20% of the class meetings. **September 6**
- Instructional Dean’s Signature is required on adds if effective date is after 3rd week ............................ September 7
- Pass/No Pass Option Deadline ................................................................. October 9
- Fall 2021 Mid-Session Begins/Adds Require Instructor’s Signature ......................... October 18
- Last Chance to Drop with a “W” for 18-Week Classes in Person ................................. November 12
- For classes less than 18 weeks, you must drop before 75% of the class meetings. **November 14**
- Finals Week ........................................................................................................... December 13-17
- End of Fall 2021 Semester ...................................................................................... December 17

Calendar dates are subject to revision.
**INSTRUCTIONS:**

1. **If the starting time (columns B through F) of your class falls within the stated time interval, refer to column A for the time to give your exam.**
2. All exams must be proctored by a certified instructor.
3. All final exams take place in their regularly scheduled class rooms.
4. For any conflicts, you may use Thursday, December 1.
5. All final exams take place in their regularly scheduled class rooms.
6. For any conflicts, you may use Thursday, December 16, from 01:00p–08:50p, or Friday, December 17, 2021 from 05:00p–08:50p. However, the Vice President of Instruction must be notified to reserve available classrooms.
7. Saturday classes will have their final exam during normal class meetings on Saturday, December 11, 2021.
8. Lab finals will be given the previous week during the regular lab period.

### FALL 2021 FINALS SCHEDULE

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINAL</td>
<td>EXAM</td>
<td>Monday</td>
<td>Tuesday</td>
<td>Wednesday</td>
<td>Thursday</td>
</tr>
<tr>
<td>07:00a–08:50a</td>
<td>DAILY</td>
<td>07:00a–07:50a</td>
<td>MTWTh</td>
<td>07:00a–07:50a</td>
<td>TTh</td>
</tr>
<tr>
<td></td>
<td>MWF</td>
<td>07:00a–07:50a</td>
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<td></td>
<td>MW</td>
<td>07:00a–07:50a</td>
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<td>M only</td>
<td>07:00a–08:50a</td>
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<td>08:00a–09:50a</td>
<td>DAILY</td>
<td>08:55a–09:50a</td>
<td>MTWTh</td>
<td>08:55a–09:50a</td>
<td>TTh</td>
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<td>MW</td>
<td>08:55a–09:50a</td>
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<td>10:00a–11:50a</td>
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<td>MW</td>
<td>10:55a–11:50a</td>
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<td>MWF</td>
<td>10:55a–11:50a</td>
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<td>M only</td>
<td>10:55a–12:50a</td>
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<td>MW</td>
<td>12:55p–01:50p</td>
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<td>MWF</td>
<td>12:55p–01:50p</td>
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<td></td>
<td>MTWTh</td>
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<tr>
<td>01:00p–02:50p</td>
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<td>MTWTh</td>
<td>02:55p–03:50p</td>
<td>TTh</td>
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<tr>
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<td>03:55p–04:50p</td>
<td>TTh</td>
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<tr>
<td></td>
<td>MW</td>
<td>02:55p–03:50p</td>
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<tr>
<td></td>
<td>MWF</td>
<td>02:55p–03:50p</td>
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<td>MTWTh</td>
<td>02:55p–03:50p</td>
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<tr>
<td>03:00p–04:50p</td>
<td>DAILY</td>
<td>03:55p–04:50p</td>
<td>MTWTh</td>
<td>04:55p–06:00p</td>
<td>TTh</td>
</tr>
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<td></td>
<td>MW</td>
<td>03:55p–04:50p</td>
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<td></td>
<td>MWF</td>
<td>03:55p–04:50p</td>
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<tr>
<td></td>
<td>MTWTh</td>
<td>03:55p–04:50p</td>
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<td>04:00p–05:50p</td>
<td>DAILY</td>
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<td>05:55p–06:05p</td>
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<td></td>
<td>MW</td>
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<td>04:55p–05:05p</td>
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<td>04:55p–05:05p</td>
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<tr>
<td>05:00p–06:50p</td>
<td>DAILY</td>
<td>05:55p–06:05p</td>
<td>MTWTh</td>
<td>06:55p or later</td>
<td>TTh</td>
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<td>MW</td>
<td>05:55p–06:05p</td>
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<tr>
<td></td>
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<td>05:55p–06:05p</td>
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<tr>
<td></td>
<td>MTWTh</td>
<td>05:55p–06:05p</td>
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<tr>
<td>06:00p–07:50p</td>
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<td>06:55p or later</td>
<td>MTWTh</td>
<td>07:55p or later</td>
<td>TTh</td>
</tr>
<tr>
<td></td>
<td>MW</td>
<td>06:55p or later</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MWF</td>
<td>06:55p or later</td>
<td></td>
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<tr>
<td></td>
<td>MTWTh</td>
<td>06:55p or later</td>
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<tr>
<td>07:00p–08:50p</td>
<td>DAILY</td>
<td>07:55p or later</td>
<td>MTWTh</td>
<td>08:55p or later</td>
<td>TTh</td>
</tr>
<tr>
<td></td>
<td>MW</td>
<td>07:55p or later</td>
<td></td>
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<tr>
<td></td>
<td>MWF</td>
<td>07:55p or later</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>MTWTh</td>
<td>07:55p or later</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
This page shows the finals schedule in a spreadsheet format.

Instructions:
1. If the starting time (column B) of your class falls within the stated time interval, refer to column D for the time to give your exam.
### Accounting

**Course Number And Title:** ACTG-31 COMPUTERIZED ACCOUNTING  
**Student Units and Class Hours:** 2 units: 1 hour lecture, 3 hours lab.  
**Prerequisites/Corequisites:** Prerequisite: ACTG-04A or ACTG-51. Advisories: CPSC-30; ENGL-85.  
**Course Description:** This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.

### Subject Heading

<table>
<thead>
<tr>
<th>Course Number And Title</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>ACTG-31 COMPUTERIZED ACCOUNTING</td>
<td>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.</td>
</tr>
</tbody>
</table>

### Special Instructions

Section 1986 will require field trips.

### BUILDING ABBREVIATIONS

<table>
<thead>
<tr>
<th>Merced Campus</th>
<th>Off Campus Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-Agriculture</td>
<td>BRC-Business Resource Center</td>
</tr>
<tr>
<td>AHC-Allied Health Complex</td>
<td>CCWF-Central California Women's Facility</td>
</tr>
<tr>
<td>ART-Art Building</td>
<td>DELH-Delhi</td>
</tr>
<tr>
<td>COM-Communications</td>
<td>DPHS-Dos Palos High School</td>
</tr>
<tr>
<td>GYM-Gymnasium</td>
<td>LBHS-Los Banos High School</td>
</tr>
<tr>
<td>IAC-Interdisciplinary Academic</td>
<td>LIVIN-Livingston</td>
</tr>
<tr>
<td>IT-Industrial Technology</td>
<td>MARI-Mariposa</td>
</tr>
<tr>
<td>LESH-Lesher Building</td>
<td>PACHS-Pacheco High School</td>
</tr>
<tr>
<td>MUS-Music</td>
<td>VSP-Valley State Prison</td>
</tr>
<tr>
<td>MA-Mech Ag</td>
<td>OFML-KINGS - Kingsview Merced</td>
</tr>
<tr>
<td>PS-Plant Science</td>
<td>OFML-ACHMB - Atwater Chamber of Commerce</td>
</tr>
<tr>
<td>SCI-Science</td>
<td>OFML-CHOW - Chowchilla</td>
</tr>
<tr>
<td>STAGE-Theatre</td>
<td>OFML-DUSD - Delhi Unified School District</td>
</tr>
<tr>
<td>SU-Student Union</td>
<td>OFML-HILM - Hilmar</td>
</tr>
<tr>
<td>TCC-Tri-College Center</td>
<td>OFML-SMEAD - Sierra Meadows</td>
</tr>
<tr>
<td>THTR-Theatre</td>
<td>OFML-WCC - Winton Community Center</td>
</tr>
<tr>
<td>VOC-Vocational</td>
<td>OFML-WIN - Winton</td>
</tr>
<tr>
<td>Los Banos Campus</td>
<td>OFML-CC - Catholic Charities Merced</td>
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<table>
<thead>
<tr>
<th>Off Campus Sites</th>
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</thead>
<tbody>
<tr>
<td>LB-A-Los Banos, Bldg A</td>
<td></td>
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<tr>
<td>LB-B-Los Banos, Bldg B</td>
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Classes will begin and end at the published times. The number of breaks per class is determined by the table.

<table>
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<tr>
<th>Session Minutes</th>
<th>Number of 10 minute breaks</th>
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<td>110-165</td>
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<tr>
<td>170-225</td>
<td>2</td>
</tr>
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<td>230-285</td>
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<td>290-345</td>
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<td>350-360</td>
<td>5</td>
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### SECTION NUMBER SMART CODING

<table>
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<tr>
<td>1xxx</td>
<td>Day - Merced</td>
</tr>
<tr>
<td>20xx</td>
<td>Online</td>
</tr>
<tr>
<td>27xx</td>
<td>Hybrid</td>
</tr>
<tr>
<td>28xx</td>
<td>Online - Short Term</td>
</tr>
<tr>
<td>29xx</td>
<td>Hybrid - Short Term</td>
</tr>
<tr>
<td>3xxx</td>
<td>Coop/Work Experience</td>
</tr>
<tr>
<td>4xxx</td>
<td>Day - Los Banos</td>
</tr>
<tr>
<td>5xxx</td>
<td>reserved prior to 3/1/20 for N/C</td>
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<tr>
<td>6xxx</td>
<td>Evening - Merced (&gt;= 4:30pm)</td>
</tr>
<tr>
<td>70xx</td>
<td>Off-site – Livingston</td>
</tr>
<tr>
<td>71xx</td>
<td>Off-site – Chowchilla</td>
</tr>
<tr>
<td>72xx</td>
<td>Off-site - OTHER</td>
</tr>
<tr>
<td>73xx</td>
<td>Off-site – CCAP</td>
</tr>
<tr>
<td>74xx</td>
<td>Online – CCAP</td>
</tr>
<tr>
<td>75xx</td>
<td>Off-site – Inmate Education</td>
</tr>
<tr>
<td>76xx</td>
<td>Reserved</td>
</tr>
<tr>
<td>77xx</td>
<td>Off-site – Delhi</td>
</tr>
<tr>
<td>78xx</td>
<td>Off-site – Mariposa</td>
</tr>
<tr>
<td>79xx</td>
<td>Off-site – Dos Palos</td>
</tr>
<tr>
<td>8xxx</td>
<td>Evening - Los Banos (&gt;= 4:30pm)</td>
</tr>
<tr>
<td>9xxx</td>
<td>Short Term - Merced &amp; Los Banos</td>
</tr>
</tbody>
</table>
Fall 2021 Classes

Accounting (ACTG)

ACTG-04A  Financial Accounting
4.0 units: 72.0 hours lec.
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
32012 Vilhauer, C Online
Comments: Section 32012 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.

32549 Stapleton, I Online
Comments: Section 32549 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.

32566 Vilhauer, C Online
Comments: Section 32566 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-04B  Managerial Accounting
4.0 units: 72.0 hours lec.
*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
32713 Vilhauer, C Online
Comments: Section 32713 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-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-85A or 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
32502 Bennett, S Online
Comments: Section 32502 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shauna.bennett@mccd.edu for 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.
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
32013 Stapleton, I Online
Comments: Section 32013 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, MATH-80, and MATH-95S is advised
This course covers payroll tax laws, computation of payroll taxes, completion of payroll tax forms, and the recording of payroll transactions in the journal. Emphasis is placed on computing gross wages, calculating withholding amounts (such as Social Security, Medicare, income taxes (federal & state), and unemployment taxes); determining net pay; preparing appropriate tax forms with reporting requirements; and journalizing/access code please see your instructor.

MERCED COLLEGE
209.384.6000

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor(s)</th>
<th>Type</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>32000</td>
<td>Garcia Martinez, J</td>
<td>Online</td>
<td>08:00a-08:50a</td>
<td>TTh</td>
<td>Merced Campus</td>
<td>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.</td>
</tr>
<tr>
<td>32001</td>
<td>Greenwood, M</td>
<td>Online</td>
<td>08:00a-08:50a</td>
<td>TTh</td>
<td>Merced Campus</td>
<td>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.</td>
</tr>
<tr>
<td>32014</td>
<td>Blackmore, C</td>
<td>Online</td>
<td>08:00a-08:50a</td>
<td>TTh</td>
<td>Merced Campus</td>
<td>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.</td>
</tr>
<tr>
<td>32015</td>
<td>Abbott, D</td>
<td>Online</td>
<td>09:00a-10:15a</td>
<td>TTh</td>
<td>Merced Campus</td>
<td>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.</td>
</tr>
<tr>
<td>32714</td>
<td>Garcia Martinez, J</td>
<td>Online</td>
<td>09:00a-10:15a</td>
<td>TTh</td>
<td>Merced Campus</td>
<td>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.</td>
</tr>
<tr>
<td>32840</td>
<td>Garcia Martinez, J</td>
<td>Online</td>
<td>10:30a-11:20a</td>
<td>TTh</td>
<td>Merced Campus</td>
<td>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.</td>
</tr>
<tr>
<td>32837</td>
<td>Garcia Martinez, J</td>
<td>Online</td>
<td>10:30a-11:20a</td>
<td>TTh</td>
<td>Merced Campus</td>
<td>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.</td>
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</tbody>
</table>

### AOM-30 (Introduction to Computer Applications)

3.0 units: 36.0 hours lec, 54.0 hours lab.

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.

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

3.0 units: 36.0 hours lec.

This course covers the business writing patterns of routine, persuasive, and negative messages. Students learn the basic training in listening, speaking, and non-verbal communication in order to develop the skills needed in everyday business communication. Given a scenario, students create e-mail, memos, letters, proposals, reports, and an ePortfolio. Students also learn about doing business with other cultures and giving oral business presentations.

### AOM-50B (Document Formatting)

3.0 units: 36.0 hours lec, 54.0 hours lab.

Students develop keyboarding techniques and gain fundamental knowledge of word processing software in order to properly format memorandums, letters, envelopes, tables, and reports.

### AOM-58A (Learning Community)

3.0 units: 54.0 hours lec.

This course is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 58A-32835, and VIRT 51-32845. This is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 58A-32835, and VIRT 51-32845. This is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 58A-32835, and VIRT 51-32845. This is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 58A-32835, and VIRT 51-32845. This is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 58A-32835, and VIRT 51-32845.
This course provides an introduction to the keyboard for non-typists.

**Online**

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</thead>
<tbody>
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<td>32838</td>
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<td>Online</td>
</tr>
</tbody>
</table>

Comments: Section 32838 is held 10/11/21 to 12/06/21. Section 32838 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) 381-6665. 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**

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<tr>
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<th>Instructor</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>32819</td>
<td>Blackmore, C</td>
<td>Online</td>
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</tbody>
</table>

Comments: Section 32819 is held 08/16/21 to 10/15/21. Section 32819 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) 381-6665. Windows computer highly recommended.

**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**

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<thead>
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<td>32831</td>
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Comments: Section 32831 is held 08/16/21 to 09/13/21. This is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 56-32843, AOM 58A-32835, and VIRT 51-32845. Section 32831 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) 381-6665. Windows computer highly recommended.

**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**

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<th>Instructor</th>
<th>Type</th>
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<tbody>
<tr>
<td>32835</td>
<td>Garcia Martinez, J</td>
<td>Online</td>
</tr>
</tbody>
</table>

Comments: Section 32835 is held 10/12/21 to 12/08/21. This is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 56-32843, AOM 58A-32835, and VIRT 51-32845. Section 32835 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) 381-6665. 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.

Merced Campus
32701 05:30p-09:20p Carvalho, S AHC-124
Comments: CONTACT: carvalho.s@mccd.edu. ORIENTATION: MANDATORY: Tuesdays, August 17, 2021; 05:30p-09:20p; AHC-124. IN-CLASS SESSIONS: Tuesdays November 09, 16, 23, 30, December 07, 2021; 05:30p-09:20p; AHC-124. COMMENTS: Remaining hours to be held online. Section 32701 has a web component requiring internet access; additional fees may apply.

AGBS-18 Agricultural Computer Applications
3.0 units: 54.0 hours lec, 54.0 hours lab.
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.

Merced Campus
31994 TTh 10:30a-11:20a Donaher, K VOC-113
TTh 11:30a-12:45p Donaher, K VOC-113
Comments: Web Component which requires you to have internet access.

AGBS-31C Agriculture Ambassadors-Public Relations
2.0 units: 36.0 hours lec.
The purpose of this course is to focus on the public relations role of the Agricultural Ambassadors as they promote agricultural awareness and educational opportunities in agriculture at Merced College and beyond. Students will learn the fundamentals of public relations, communication and leadership skills, plan leadership events, prepare recruitment materials, and deliver recruitment presentations for prospective students and members of the community while serving in the role of Agricultural Ambassador.

Merced Campus
31010 M 03:15p-05:05p Donaher, K AG-11
Comments: Web Component which will require you to have internet access.

AGBS-10 Introduction to Agriculture Business
3.0 units: 54.0 hours lec.
This course is a survey of the broad scope of agriculture business. It serves as an introduction to economic, accounting, management, sales, leadership, and marketing aspects of agriculture and their impact on producers and consumers. The management principles encountered in the day-to-day operation of an agricultural enterprise are stressed as they relate to the decision-making process.

Online
31011 Donaher, K Online
Comments: Section 31011 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: donaher.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. Windows computer highly recommended.

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
31995 Donaher, K Online
Comments: Section 31995 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: donaher.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. Windows computer highly recommended.

AGBS-13 Agricultural Marketing
3.0 units: 54.0 hours lec.
This course includes a survey of the marketing aspects of the agriculture industry and an overview of the structure and institutional aspects of the marketing system. Emphasis will be on the marketing functions and how consumer trends affect agribusiness.

Online
31910 Donaher, K Online
Comments: Section 31910 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: donaher.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. Windows computer highly recommended.

AGBS-14 Agricultural Economics
3.0 units: 54.0 hours lec.
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.

Merced Campus
31007 MWF 11:00a-11:50a Maddux, M AG-10
Comments: Web Component which requires you to have internet access.

AGBS-15 Agricultural Marketing
3.0 units: 54.0 hours lec.
This course will explore the contemporary and historical place of agriculture and an overview of the structure and institutional aspects of the marketing system. Emphasis will be on the marketing functions and how consumer trends affect agribusiness.

Online
31090 Donaher, K Online
Comments: Section 31090 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: donaher.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. Windows computer highly recommended.

AGBS-16 Agricultural Computer Applications
3.0 units: 54.0 hours lec.
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.

Merced Campus
31994 TTh 10:30a-11:20a Donaher, K VOC-113
TTh 11:30a-12:45p Donaher, K VOC-113
Comments: Web Component which requires you to have internet access.

AGBS-31C Agriculture Ambassadors-Public Relations
2.0 units: 36.0 hours lec.
The purpose of this course is to focus on the public relations role of the Agricultural Ambassadors as they promote agricultural awareness and educational opportunities in agriculture at Merced College and beyond. Students will learn the fundamentals of public relations, communication and leadership skills, plan leadership events, prepare recruitment materials, and deliver recruitment presentations for prospective students and members of the community while serving in the role of Agricultural Ambassador.

Merced Campus
31010 M 03:15p-05:05p Donaher, K AG-11
Comments: Web Component which will require you to have internet access.

AGBS-14 Agricultural Economics
3.0 units: 54.0 hours lec.
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.

Merced Campus
31007 MWF 11:00a-11:50a Maddux, M AG-10
Comments: Web Component which requires you to have internet access.

Agriculture (AGRI)
AGRI-10 Agriculture, Environment, & Society
3.0 units: 54.0 hours lec.
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.

Merced Campus
31007 MWF 11:00a-11:50a Maddux, M AG-10
Comments: Web Component which requires you to have internet access.

Allied Health (ALLH)
ALLH-24 Work Experience in Allied Health
1.0 units: .
Previously taken ENGL-85A or ENGL-85AC is advised.
This course enables students to earn college credit for learning and/or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Off-Campus

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
ALLH-63 Nurse Assistant
6 units: 63.0 hours lec., 135.0 hours lab.
Prerequisite: *Required* 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. Previously taken ENGL-84A is advised.

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 movements, 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 Reid, E AHC-130
Th 07:30a-11:30a Reid, E OFML-HOSP
Th 12:00p-05:00p Reid, E OFML-HOSP

Comments: ALLH 63 requires a mandatory orientation. Go to http://www.mccd.edu/academics/alliedhealth/nurse-assistant/getsta_rted.html. Section 46001 lab hours are held at Merced Nursing & Rehab, 510 W. 26th St., Merced, or La Sierra Care Center, 2424 M St., Merced or Anberr Nursing & Rehab, 1685 Shaffer Rd., Atwater and includes a 30 minute lunch break.

ALLH-67 Medical Terminology
3.0 units: 54.0 hours lec.

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.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.

42701 Provencio, G Online

Comments: Section 42701 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.
American Sign Language (ASLG)

ASLG-01 Beginning American Sign Language

3.0 units: 54.0 hours lec.
This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the Deaf culture. Emphasis is on obtaining a practical command of the language, including major grammatical components, basic ASL sentence structures, non-manual gestures, expression of spatial relationships in a visual-gestural language, and beginning conversational skills.

Online
21142 Chambers, K Online Comments: Section 21142 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.

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.

Online
26104 Chambers, K Online Comments: Section 26104 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.

Animal Science (ANSC)

ANSC-10 Elements of Animal Science

3.0 units: 54.0 hours lec.
Previously taken ENGL-85AC is advised.
This course is a survey of the livestock industry, supply of animal products, and their uses in animal production. There is a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. The student will analyze the economic trends and career opportunities in animal agriculture. Field trips will be required.

Online
31996 Maddux, M Online Comments: Web Component which requires you to have internet access.

ANSC-13 Animal Diseases & Parasite Control

3.0 units: 54.0 hours lec.
Previously taken ENGL-85A or ENGL-85AC is advised.
This course of animal health and sanitation will provide instruction to the student of common livestock diseases and fundamentals of immunity. It will also include coverage of the livestock worker's role in promoting animal health and the foundation of disease control programs.

Merced Campus
46003 W 07:00p-09:50p Barber, R AHC-129

ANSC-16 Horse Husbandry

3.0 units: 36.0 hours lec, 54.0 hours lab.
Previously taken ENGL-85A or ENGL-85AC is advised.
This is a survey of the equine industry encompassing the evolution and role of the equine species throughout history, breed selection and development, nutrition, diseases, preventive health, reproductive management, basic horsemanship, and stabiling alternatives.

Merced Campus
31020 MWF 10:00a-10:50a Maddux, M AG-10 Comments: Web Component which requires you to have internet access.

ANSC-24 Work Experience in Animal Science

1.0 units: .
Previously taken ENGL-85A or ENGL-85AC is advised.
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 units of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
33204 Maddux, M Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: ttp://www.mccd.edu/academics/english-liberalstudies/coop-ed-work 40-class.html. This 2 unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

ANSC-30 Fitting, Showing & Merchandising Livestock

1.5 units: 18.0 hours lec, 27.0 hours lab.
Previously taken ENGL-85A or ENGL-85AC is advised.
This course is designed for students to develop skills in preparing and marketing beef cattle, sheep, swine, dairy cattle, and goats for competition at intercollegiate livestock competitions. Lessons in exhibiting the animals are given. The course may be repeated three times.

Merced Campus
31040 Maddux, M Th 02:00p-03:15p Comments: CONTACT: mary.maddux@mccd.edu IN-CLASS SESSIONS: LAB; Thursdays: 2:00p-3:15p. COMMENTS: Lecture hours will be held online. Section 31040 has a web component requiring 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.
Previously taken ENGL-01A is advised.
This survey course deals with the study of human biological heritage and physical variability. Genetics, the fossil evidence and theories of human evolution, forensic anthropology, primatology and current bioethical issues will be discussed. The laboratory portion of the course will include exercises in: genetics, human variation, skeletal analysis, forensic anthropology, evolution and the fossil record, and primate anatomy and behavior. The philosophy of science and the scientific method serve as the foundation for this course.

Online 72006  Deeming, K  Online
Comments: Section 72006 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.

Online 51001  MWF  11:00a-11:50a  Buechler, J  CLS-CLS
M  02:00p-04:50p  Buechler, J  CLS-CLS
Comments: Section 51001 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: jeffrey.buechler@mccd.edu for course-specific questions.

Online 51002  MWF  12:00p-12:50p  Buechler, J  CLS-CLS
W  02:00p-04:50p  Buechler, J  CLS-CLS
Comments: Section 51002 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: jeffrey.buechler@mccd.edu for course-specific questions.

Online 56001  T  05:30p-08:20p  Buechler, J  CLS-CLS
Th  05:30p-08:20p  Buechler, J  CLS-CLS
Comments: Section 56001 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: jeffrey.buechler@mccd.edu for course-specific questions.

ANTH-02 Sociocultural Anthropology
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.
This course is an introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of sociocultural systems. Subjects include subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, and culture change. The course applies anthropological perspectives to contemporary issues.

Online 51003  TTh  12:30p-01:45p  Crandall, J  CLS-CLS
Comments: Section 51003 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: james.crandall@mccd.edu for course-specific questions.

Online 52033  Osborn, S  Online
Comments: Section 52033 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.

Archaeology (ARCH)

ARCH-01 Introduction to Archaeology
3.0 units: 54.0 hours lec.
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, and sourcing assessment will be covered. Artifacts from around the world are used in class to illustrate archaeological concepts.

Online 52037  Osborn, S  Online
Comments: Section 52037 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.

ART-01 Survey of Western Art, Prehistory-Middle
3.0 units: 54.0 hours lec.
Prerequisite: "Required" Previously taken ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E and passed with a minimum grade of C or received an equivalent.
"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 51006  Warner-Davies, M  Online
Comments: Section 51006 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.

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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

Online 56003  Serpa, B  Online
Comments: Section 56003 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.
ART-02 Survey of Western Art From Renaissance To Contemporary
3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C, P;
*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
51008
Serpa, B
Online
Comments: Section 51008 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.

52039
Benhissen, L
Online
Comments: Section 52039 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: Louisa.benhissen@mccd.edu for 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* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
*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
51009
Benhissen, L
Online
Comments: Section 51009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: louisa.benhissen@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72008
Cooper, T
Online
Comments: Section 72008 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-12A Sculpture: 3-D Foundations
3.0 units: 36.0 hours lec, 54.0 hours lab.
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.
This course is an introduction to the fundamentals of the sculpting process and the study of a variety of materials related to sculpture. Projects explore the elements and principles of 3-D design and the conceptual styles of realism to abstraction, both in the round and as bas-relief. Important sculptors and their significant works from various historical periods and various cultures are examined. A small materials fee covers the cost of the works created.

Online
51010
Warner-Davies, M
Online
Comments: Section 51010 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-12 classes require a $40 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.

Online
51011
Warner-Davies, M
Online
Comments: Section 51011 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-12 classes require a $40 material fee.

ART-15 Design: 2-D Foundations
3.0 units: 36.0 hours lec, 54.0 hours lab.
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
51013
Warner-Davies, M
Online
Comments: Section 51013 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.

72010
Grubaugh, C
Online
Comments: Section 72010 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.

Online
51012
Macaraeg, E
Online
Comments: Section 51012 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: edwin.macaraeg@mccd.edu for course-specific questions.
ART-23A Introduction to Painting

3.0 units: 36.0 hours lec, 54.0 hours lab.
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.
This course is an introduction to the principles, elements, and practices of painting in oil and acrylic medium. Students will focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Online
51018
Benhissen, L

Comments: Section 51018 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: louisa.benhissen@mccd.edu for 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-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-85A, ENGL-85AC, or ENGL-85E is advised.
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level painting, focusing on complex subject matter and concepts using a variety of subjects, techniques, and methodologies. Students in this course will build on fundamental painting skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to painting.

Online
51019
Benhissen, L

Comments: Section 51019 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: louisa.benhissen@mccd.edu for 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.
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.
This studio survey course introduces the principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Students will focus on perceptually based drawing, observational skills, technical abilities, conceptual thinking and critical analysis. Historical and contemporary developments, critical trends, materials, and approaches in drawing will be examined for their philosophical and cultural implications. Required for Art majors.

Online
51016
Warner-Davies, M

Comments: Section 51016 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.

51020
Benhissen, L

Online

Comments: Section 51020 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: louisa.benhissen@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

51022
Disch, S

Online

Comments: Section 51022 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.

51024
Serpa, B

Online

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-85A, ENGL-85AC, or ENGL-85E is advised.
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

Online
51017
Warner-Davies, M

Comments: Section 51017 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.

51021
Benhissen, L

Online

Comments: Section 51021 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: louisa.benhissen@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

51023
Disch, S

Online

Comments: Section 51023 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.

51025
Serpa, B

Online

Comments: Section 51025 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.

56008
Gagliardi, N

Online

Comments: Section 56008 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicholas.gagliardi@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72014
Grubaugh, C

Online

Comments: Section 72014 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.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
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-26A Introduction to Figure Drawing  
3.0 units: 36.0 hours lec, 54.0 hours lab.  
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.  
This course is an introduction to the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure, in both rapid and extended studies.

Online  
56005  
Benhissen, L  
Online  
Comments: Section 56005 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: louisa.benhissen@mccd.edu for 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-26B Intermediate Figure Drawing  
3.0 units: 36.0 hours lec, 54.0 hours lab.  
Prerequisite: *Required* Take ART-26A; Minimum grade C,P.  
"Advised" Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.  
Exploration of artistic concepts, styles, and creative expression related to intermediate-level figure drawing, focusing on complex composition and concepts using a variety of color drawing mediums, techniques, and methodologies. Students in this course will build on fundamental figure drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to figure drawing.

Online  
56006  
Benhissen, L  
Online  
Comments: Section 56006 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: louisa.benhissen@mccd.edu for 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-29A Introduction to Watercolor Painting  
3.0 units: 36.0 hours lec, 54.0 hours lab.  
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised.  
This course is an introduction to the principles, elements, and practices of painting in the watercolor medium. Students will focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Online  
56009  
MW  
05:30p-06:20p  Macaraeg, E  
CLS-CLS  
MW  
06:30p-07:45p  Macaraeg, E  
CLS-CLS  
Comments: Section 56009 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) 381-6665 for technical assistance or technology resources. Additional fees may apply. Contact: macaraeg@mccd.edu for course-specific questions.

ART-29B Intermediate Watercolor Painting  
3.0 units: 36.0 hours lec, 54.0 hours lab.  
Prerequisite: *Required* Take ART-29A. Minimum grade C,P.  
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level watercolor painting, focusing on complex subject matter and concepts using a variety of subjects, techniques, and methodologies. Students in this course will build on fundamental watercolor painting skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to painting.

Online  
56010  
MW  
05:30p-06:20p  Macaraeg, E  
CLS-CLS  
MW  
06:30p-07:45p  Macaraeg, E  
CLS-CLS  
Comments: Section 56010 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) 381-6665 for technical assistance or technology resources. Additional fees may apply. Contact: edwin.macaraeg@mccd.edu for course-specific questions.

Classes with this icon have course materials that are free of charge and therefore not required to be purchased.
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. Previously taken AOM-50A and ARTD-40A and ENGL-85AC is advised.

This studio course continues to promote creative thinking ability, the exploration of design elements & composition, and imaginative technical ability through the use of bitmap and vector software programs. Students' perceptual capability will expand when producing innovative artworks for print, web, and multimedia outputs. Digital art history, contemporary trends, and emerging media underscore the course's broadminded structure.

**Merced Campus**

51031 - Perlin, A
M 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 51031 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. Previously taken ENGL-01A and ART-15 is advised.

This studio survey course introduces fundamental concepts and manipulation processes in graphic design and the visual communication arts. Students will learn foundational design principles, conceptual thinking, and typographic layout while also exploring philosophical and cultural implications. Students utilize software and traditional drawing-board design practices that visually enlighten and effectively communicate to a mass audience.

**Merced Campus**

56012 - Perlin, A
T 05:10p-08:00p Perlin, A IAC-139
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 56012 has a web component requiring internet access; additional fees may apply.

**ARTD-41B  Intermediate Graphic Design: 2D Foundations**

3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Required* Take ARTD-41A. Minimum grade C,P; "Advised" Previously taken ENGL-01A is advised.

This studio survey course continues to explore concepts and manipulation processes in graphic design and the visual communication arts. Students will learn intermediate 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**

51029 - 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; IAC-139. COMMENTS: (2) Lecture hours per week will be held online. Section 51029 has a web component requiring internet access; additional fees may apply.

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

3.0 units: 36.0 hours lec, 54.0 hours lab.
Previously taken AOM-50A and ENGL-85A, ENGL-85AC, or ENGL-85E is advised.

This course involves innovative thinking in introductory graphics on a timeline. Students will create characters, design movement paths, learn pose manipulation and cycles, frame movement based on sound, animate text and produce dynamic compositions and scene storytelling with drawing and software such as After Effects and Maya.

**ARTD-42B  Intermediate Digital Art**

3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ART-24A, AOM-50B, and ENGL-85AC is advised.

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

**Merced Campus**

51032 - 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 51032 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.

**ARTD-45A  Animation I: Introduction to Web Design**

And 2D Animation

3.0 units: 36.0 hours lec. Previously taken ART-24A, AOM-50B, and ENGL-85AC is advised.

This class offers the older adult community member the opportunity to perform theatrical roles and or learn the basics of technical positions in theatrical rehearsal and public performance.

**Online**

95601 - Online
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.

95602 - Online
Comments: Section 95602 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.

**Arts - Non-Credit (ARTS)**

**ARTS-520  Theatre Production in the Community for Older Adults**

0.0 units: .

This class offers the older adult community member the opportunity to perform theatrical roles and or learn the basics of technical positions in theatrical rehearsal and public performance.

**Online**

95601 - Online
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.

**ASTR-01  Principles of Astronomy**

3.0 units: 54.0 hours lec. Previously taken ENGL-01A, MATH-62 and MATH-61 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. 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.
ATHL-01B Intercollegiate Basketball

1.5 units:
90.0 hours lab. 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
49300 MTWThF 06:00a-07:50a Huddleston, A GYM-1
Comments: Section 49300 is held from 10/18/21 to 12/17/21.

49301 MTWThF 01:00p-02:50p Huddleston, A GYM-1
Comments: Section 49301 is held from 10/18/21 to 12/17/21.

ATHL-01C Intercollegiate Event

3.0 units:
180.0 hours lab. Limitation on Enrollment: This is a varsity event requiring coach's or academic athletic advisor's approval. This course teaches theory, practice and game performance of the designated competitive sport. This course may be repeated three times.

Merced Campus
41300 MTWThF 06:00p-08:00p Casey, R GYM-1

ATHL-01D Intercollegiate Football

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 course offers the student the opportunity to develop and improve the fundamental skills involved in football, such as passing, receiving, kicking, blocking (with the aid of blocking dummies), team play and strategy. Rules and class competition will also be included. This class may be repeated three times.

Merced Campus
41300 MTWThF 01:00p-02:50p Casey, R ATHL-FBPF

ATHL-01F Intercollegiate Soccer

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 course teaches theory, practice, and game performance of competitive soccer. Students will have the opportunity to develop fundamental skills and conditioning to prepare them for intercollegiate athletics.

Merced Campus
41300 MTWThF 06:00p-08:00p Daughdrill, J ATHL-ATH1

ATHL-01J Intercollegiate Water Polo

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 teaches theory, practice and game performance of the competitive sport. This course may be repeated three times.

Merced Campus
41300 MTWThF 02:00p-04:00p Halpin, W ATHL-VAFD

ATHL-01L Intercollegiate Volleyball

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 the competitive sport. This course may be repeated three times.

Merced Campus
41300 MTWThF 06:00p-08:00p Devine, N ATHL-POOL

ATHL-02A Off-Season Conditioning for Baseball

1.0 units: 162.0 hours lab. Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of baseball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate baseball competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
41300 MTWThF 06:00p-04:05p Devine, N ATHL-BBF

41305 MTWThF 02:00p-04:05p Cumberland, C ATHL-BBF
ATHL-02B Off-Season Conditioning for Basketball
1.0 units: 108.0 hours lab.
Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of basketball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate basketball competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
41359 MWF 02:00p-03:50p Ramirez, J GYM-5

ATHL-02K Off-Season Conditioning for Softball
1.0 units: 108.0 hours lab.
Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of softball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate softball competition and may be repeated to meet requirements for CCCAA eligibility. This course may be repeated 3 times.

Merced Campus
41308 MTWTh 02:00p-04:15p 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
41309 MTWThF 05:00p-06:15p Casey, R GYM-5
Comments: Football.
41310 MWF 04:00p-05:05p McCall, S ATHL-POOL
Comments: Men's Water Polo.
41311 MTWThF 06:00a-07:05a Halpin, W ATHL-POOL
Comments: Women's Water Polo.
41312 TTh 02:00p-03:15p Miller, R GYM-5
Comments: Volleyball.
41360 MTWTh 03:00p-04:30p Daughdrill, J ATHL-ATH1
Comments: Men's Soccer.
41361 MTWTh 03:00p-04:30p Sousa, S ATHL-VAFD
Comments: Men' Soccer.
41400 MTWTh 03:30p-05:45p Alston, N ATHL-STAD
Comments: Men's/Women's Track and Field.

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
49302 MWF 01:00p-02:50p Huddleston, A GYM-1
Comments: Section 49302 will be held from 08/16/21 to 10/15/21.

ATHL-36A Theory and Analysis of Football
1.0 units: 18.0 hours lec.
This course presents the fundamental knowledge of football through lecture and discussions. The analyzing of in-season practices and games will take place during this course. This course is recommended for varsity football players.

Online
42302 Casey, R Online
Comments: Section 42302 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.

ATHL-36C Theory and Analysis of Baseball
1.0 units: 18.0 hours lec.
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E is advised. This course presents the fundamental knowledge of baseball through techniques of lecture, discussions, and video analysis. This course is recommended for kinesiology, physical education, recreation, and recreation-aid majors and varsity baseball players.

Online
42315 Devine, N Online
Comments: Section 42315 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.

Automotive Technology (AUTO)

AUTO-04 Automotive Mechanics
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A, ENGL-85AC, or ENGL-85E and MATH-80 or MATH-85 is advised.
This class is designed for students without prior experience in automotive mechanics. It is a study of fundamental theory and operation of the components that make up the major automotive systems with the purpose of giving the student general knowledge of the automobile. Major emphasis is given to operational principles of the automobile and related terminology.

Online
32300 Barnard, R Online
Comments: Section 32301 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.
32301 Barnard, R Online
Comments: Section 32301 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
36213 T 05:30p-08:20p Staff, M IT-4B
Comments: Web Component which will require you to have internet access.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
### AUTO-24 Work Experience in Automotive Technology
1.0 units: .
Previously taken ENGL-85A or ENGL-85AC is advised. This course enables students to earn college credit for learning or improving skills and/or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**
39426
- Gregory, A
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: [http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work/40-class.html](http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work/40-class.html). This 4 unit course is designed for students who will work 240 volunteer or 300 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

### AUTO-32 Wheel Alignment & Suspension
4.0 units: 54.0 hours lec, 54.0 hours lab. Previously taken AUTO-04 and AUTO-63, ENGL-85A, ENGL-85AC or ENGL-85E and MATH-80 and MATH-85 is advised. This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment, tire service, and front-end repairs.

**Merced Campus**
39137
- Gregory, A
Comments: Section 39137 is held 10/18/21 to 12/15/21. This is a Learning Community with AUTO-32-39137, AUTO 33-39136, AUTO-42-39134, and AUTO-63-39135. Web Component which will require you to have internet access. Section 39137 requires an additional fee for materials.

39427
- Gregory, A
Comments: Section 39427 is held 08/16/21 to 10/07/21. Web Component which will require you to have internet access. Section 39427 requires an additional fee for materials.

### AUTO-33 Automotive Brake Systems
4.0 units: 54.0 hours lec, 54.0 hours lab. Previously taken AUTO-04 and AUTO-63, ENGL-85A, ENGL-85AC, or ENGL-85E, and MATH-80 or MATH-85. 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**
39136
- Gregory, A
Comments: Section 39136 is held 10/18/21 to 12/15/21. This is a Learning Community with AUTO-32-39137, AUTO-42-39134, AUTO-63-39135 and AUTO-33-39136. Web Component which will require you to have internet access. Section 39136 requires an additional fee for materials.

39426
- Gregory, A
Comments: Section 39426 is held 10/18/21 to 12/15/21. Web Component which will require you to have internet access. Section 39426 requires an additional fee for materials.

### 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-85A, ENGL-85AC, or ENGL-85E, and MATH-80 or MATH-85. This course covers automotive electrical systems and includes a review of electronics, 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**
39134
- Gregory, A
Comments: Section 39134 is held 10/18/21 to 12/15/21. This is a Learning Community with AUTO-32-39137, AUTO-33-39136, AUTO-42-39134, and AUTO-63-39135. Web Component which will require you to have internet access. Section 39134 requires an additional fee for Materials.

39425
- Gregory, A
Comments: Section 39425 is held 10/18/21 to 12/15/21. Web Component which will require you to have internet access. Section 39425 requires an additional fee for materials.

### AUTO-44 Automotive Air Conditioning, Heating System, Cooling Systems
4.0 units: 54.0 hours lec, 54.0 hours lab. Previously taken AUTO-04 and ENGL-85A, ENGL-85AC or ENGL-85E and MATH-80 and MATH-85 is advised. This is a basic course in the principles of operation of automotive air conditioning, heating system, and cooling system. The course covers theory, system controls, troubleshooting, service, and repairs. Lab emphasis consists of system diagnosis servicing, repairs, and preventive maintenance on live vehicles.

**Merced Campus**
39049
- Gregory, A
Comments: Section 39049 is held 08/16/21 to 10/07/21. Web Component which will require you to have internet access. Section 39049 requires an additional fee for materials.

### AUTO-47 Engine Performance
2.0 units: 18.0 hours lec, 54.0 hours lab. Prerequisite: *Required* Previously taken AUTO-42 and AUTO-43 and passed with a minimum grade of C or received an equivalent. *Advised* Previously taken ENGL-85A, ENGL-85AC or ENGL-85E, and MATH-80 or MATH-85 is advised. This course is a study in the diagnosis of automotive electrical and computer controlled fuel and ignition systems. The course will cover charging and starting circuits, computer controlled fuel injection and ignition systems and emissions control devices. All integrated systems will be included as they relate to live maintenance and diagnostic procedures. Advanced systems diagnosis and maintenance of these circuits will receive special attention.

**Merced Campus**
39300
- Gregory, A
Comments: Section 39300 is held 10/18/21 to 12/15/21. Web Component which will require you to have internet access. Section 39300 requires an additional fee for materials.
AUTO-55 Automotive Emissions Level 1 and 2 Training
5.0 units: 81.0 hours lec, 27.0 hours lab.
Previously taken AUTO-47 and ENGL-85A, ENGL-85AC or EN-GL-85E, and MATH-80 or MATH-85 is advised.
This course is designed to provide students with knowledge and skills necessary to perform Smog Check Inspections. Level 1 training is intended to provide students with fundamental knowledge of engine and emission control theory, design and operation. Level 2 training is intended to provide students the knowledge, skills, and abilities needed to perform Smog Check inspections. Students who successfully complete this training will have met the California Bureau of Automotive Repair requirements for Level 1 and 2 training to qualify to take the Smog Check Inspector state licensing examination.

**Merced Campus**

39305 MTWTh 01:00p-03:20p Gregory, A IT-4A
MTWTh 03:30p-04:20p Gregory, A IT-4A
Comments: Section 39305 is held 08/16/21 to 10/07/21. Web Component which will require you to have internet access. Section 39305 requires an additional fee for materials.

39135 MTWTh 08:00a-09:25a Weepers, M IT-4A
Comments: Section 39135 is held 08/16/21 to 10/07/21. Web Component which will require you to have internet access. Section 39135 requires an additional fee for materials.

39138 MTWTh 08:00a-09:25a Weepers, M IT-4B
MTWTh 09:35a-11:00a Weepers, M IT-4B
Comments: Section 39138 is held 08/16/21 to 10/07/21. Web Component which will require you to have internet access. Section 39138 requires an additional fee for materials.

AUTO-56 Advanced Diagnosis and Repair in Automotive Technology
2.0 units: 108.0 hours lab.
Prerequisite: *Required* Previously taken AUTO-36, AUTO-41, AUTO-43, and AUTO-46 and passed with a minimum grade of C or received an equivalent.
*Advised* Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised.

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

**Merced Campus**

39304 MTWTh 04:00p-06:50p Weepers, M IT-4A
Comments: Section 39304 is held from 10/18/21 to 12/18/21. Web Component which will require you to have internet access. Section 39304 requires an additional fee for materials.

39302 MTWTh 01:00p-02:25p Weepers, M IT-4A
MTWTh 02:35p-03:50p Weepers, M IT-4A
Comments: Section 39302 is held 10/18/21 to 12/16/21. Web Component which will require you to have internet access. Section 39302 requires an additional fee for materials.

39305 MTWTh 01:00p-02:25p Gregory, A IT-4A
MTWTh 02:35p-03:50p Gregory, A IT-4A
Comments: Section 39305 requires an additional fee for materials.

AUTO-63 Basic Auto Electronics for Technicians
4.0 units: 54.0 hours lec, 54.0 hours lab.
Previously taken ENGL-85E is advised.

This course is designed to provide the automotive student 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**

36044 MW 05:30p-06:50p Maxwell, G IT-4B
MW 07:00p-08:20p Maxwell, G IT-4B
Comments: Web Component which will require you to have internet access.

39135 MTWTh 08:00a-09:25a Weepers, M IT-4B
MTWTh 09:35a-11:00a Weepers, M IT-4B
Comments: Section 39135 is held 08/16/21 to 10/07/21. This is a Learning Community with AUTO-32-39137, AUTO-33-39136, AUTO-42-39134, and AUTO-63-39135. Web Component which will require you to have internet access. Section 39135 requires an additional fee for materials.

39138 MTWTh 08:00a-09:25a Weepers, M IT-4B
MTWTh 09:35a-11:00a Weepers, M IT-4B
Comments: Section 39138 is held 08/16/21 to 10/07/21. Web Component which will require you to have internet access. Section 39138 requires an additional fee for materials.

AUTO-66 Automotive Parts and Service Advising
3.0 units: 45.0 hours lec, 27.0 hours lab.
Previously taken ENGL-85A, ENGL-85AC or ENGL-85E and MATH-80 or MATH-85 is advised.

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

**Merced Campus**

39302 MTWTh 01:00p-02:25p Weepers, M IT-4A
MTWTh 02:35p-03:50p Weepers, M IT-4A
Comments: Section 39302 is held 10/18/21 to 12/16/21. Web Component which will require you to have internet access. Section 39302 requires an additional fee for materials.

**Biology (BIOL)**

BIOL-01 General Biology for Non-Majors
4.0 units: 54.0 hours lec, 54.0 hours lab.
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**

12062 Macias, M Online
Comments: Section 12062 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.

12063 Macias, M Online
Comments: Section 12063 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.

12064 Macias, M Online
Comments: Section 12064 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.

12071 Schneider, B Online
Comments: Section 12071 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.

12072 Online
Comments: Section 12072 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.

12073 Online
Comments: Section 12073 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.

12074 Online
Comments: Section 12074 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.

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

26 • CLASSES •

209.384.6000
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**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.

**Online**

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</table>

Contact: fusun.kilic@mccd.edu for 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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<th>Course Code</th>
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<td>BIOL-04A</td>
<td>Fundamentals of Biology: The Cell and Evolution</td>
<td>4.0</td>
<td>54.0</td>
<td>Macias, M</td>
<td>SCI-113</td>
<td>3 Lecture hours per week will be held online. Section 12731 has a web component requiring internet access; additional fees may apply.</td>
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<td>BIOL-04B</td>
<td>Diversity of Life: Morphology and Physiology</td>
<td>5.0</td>
<td>54.0</td>
<td>Estrella, C</td>
<td>SCI-113</td>
<td>Comments: This class may have a web component which requires internet access.</td>
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<td>BIOL-06</td>
<td>Environmental Science</td>
<td>3.0</td>
<td>54.0</td>
<td>Macias, M</td>
<td>SCI-115</td>
<td>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 ecosystems, biodiversity, the impact of industrialization and urbanization, energy, populations, resources, pollution, pesticides and risk/benefit assessment.</td>
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<tr>
<td>BIOL-09</td>
<td>Introduction to Genetics</td>
<td>3.0</td>
<td>54.0</td>
<td>Albano, V</td>
<td>Online</td>
<td>Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised. This course is an introductory study of genetic principles, inheritance, variation, and evolution in plants and animals. This course includes the study of Mendelian genetics, molecular genetics, and population genetics. Recent research innovations explored include genetic engineering.</td>
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<tr>
<td>BIOL-16</td>
<td>General Human Anatomy</td>
<td>4.0</td>
<td>36.0</td>
<td>Estrella, C</td>
<td>Online</td>
<td>Pre-requisite: &quot;Required&quot; Previously taken BIOL-01 or BIOL-02 and ENGL-85A, ENGL-85AC, or ENGL-85E is advised. 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.</td>
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**Classes**

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
<table>
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<td>12066</td>
<td>Reed, E</td>
<td>Online</td>
<td>Section 12066 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12067</td>
<td>Reed, E</td>
<td>Online</td>
<td>Section 12067 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12068</td>
<td>Reed, E</td>
<td>Online</td>
<td>Section 12068 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:emily.reed@mccd.edu">emily.reed@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12082</td>
<td>Touma, C</td>
<td>Online</td>
<td>Section 12082 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12083</td>
<td>Touma, C</td>
<td>Online</td>
<td>Section 12083 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12084</td>
<td>Touma, C</td>
<td>Online</td>
<td>Section 12084 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12085</td>
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<td>Section 12085 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12086</td>
<td>Touma, C</td>
<td>Online</td>
<td>Section 12086 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**BIOL-18 Principles of Physiology**

4.0 units: 54.0 hours lec, 54.0 hours lab. Prerequisite: "Required" Take CHEM-02A; Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85D or ENGL-A or ENGL-01A; Take BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; Take Math C or MATH-E1 or MATH-E2. Minimum Grade C,P.

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

**Online**

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<th>Meeting Details</th>
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<td>Section 12082 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12084</td>
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<td>Section 12084 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12085</td>
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<td>Section 12085 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12086</td>
<td>Touma, C</td>
<td>Online</td>
<td>Section 12086 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:christiane.pailo@mccd.edu">christiane.pailo@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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### 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-85 or ENGL-85A or ENGL-85AC or ENGL-85E 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 related to social, political, legal, and international matters affecting the United States.

#### Merced Campus

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#### Los Banos Campus

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<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>32050</td>
<td></td>
<td></td>
<td>Haugen, A</td>
<td>Online</td>
</tr>
<tr>
<td>Comments: Section 32050 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:haugen.a@mccd.edu">haugen.a@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>32052</td>
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<td>Haugen, A</td>
<td>Online</td>
</tr>
<tr>
<td>Comments: Section 32052 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:haugen.a@mccd.edu">haugen.a@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>32053</td>
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<td>Haugen, A</td>
<td>Online</td>
</tr>
<tr>
<td>Comments: Section 32053 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:haugen.a@mccd.edu">haugen.a@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>32716</td>
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<td>Haugen, A</td>
<td>Online</td>
</tr>
<tr>
<td>Comments: Section 32716 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:haugen.a@mccd.edu">haugen.a@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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</table>

#### Business (BUS)

**BUS-10 Introduction to Business**

3.0 units. 54.0 hours lec. 3 IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00a-01:50p; LB-B-104. COMMENTS: 2 Lecture hours per week will be held online. Section 72272 has a web component requiring internet access; additional fees may apply.

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<tr>
<th>Course</th>
<th>Day</th>
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<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>72722</td>
<td>TTh</td>
<td>11:00a-01:50p</td>
<td>Ward, W</td>
<td>LB-B-104</td>
</tr>
<tr>
<td>Comments: CONTACT: <a href="mailto:wendy.ward@mccd.edu">wendy.ward@mccd.edu</a> IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00a-01:50p; LB-B-104. COMMENTS: 2 Lecture hours per week will be held online. Section 72722 has a web component requiring internet access; additional fees may apply.</td>
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</table>

**BUS-100 Business and Society**

3.0 units. 54.0 hours lec. 3 IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00a-01:50p; LB-B-104. COMMENTS: 2 Lecture hours per week will be held online. Section 72722 has a web component requiring internet access; additional fees may apply.

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<th>Course</th>
<th>Day</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>72722</td>
<td>TTh</td>
<td>11:00a-01:50p</td>
<td>Ward, W</td>
<td>LB-B-104</td>
</tr>
<tr>
<td>Comments: CONTACT: <a href="mailto:wendy.ward@mccd.edu">wendy.ward@mccd.edu</a> IN-CLASS SESSIONS: Lab; Tuesdays and Thursdays; 11:00a-01:50p; LB-B-104. COMMENTS: 2 Lecture hours per week will be held online. Section 72722 has a web component requiring internet access; additional fees may apply.</td>
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</table>
BUS-18A Business Law
4.0 units: 72.0 hours lec.
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
32051
Matis Foss, A  Online
Comments: Section 32051 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: amanda.matifoss@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

32054
Patterson, E  Online
Comments: Section 32054 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.

BUS-35 Money Management
3.0 units: 54.0 hours lec.
Previously taken BUS-10 is advised.
This course offers instruction in basic financial, career and life planning. Areas of study include income distribution; occupational earnings; wise buying; credit and borrowing; insurance; housing; savings and investments; taxes; and retirement and planning.

Online
32750
Haugen, A  Online
Comments: Section 32750 will be offered remotely and has a web component requiring internet access; additional fees may apply. 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.

BUS-37 Small Business Entrepreneurship
3.0 units: 54.0 hours lec.
Previously taken AOM-30 is advised.
This course is designed to educate prospective new business owners. Topics include the business environment, enterprise management, legal considerations, financing, insuring a business, budgeting, and marketing for a small business.

Online
32555
W 05:30p-08:20p  Matis Foss, A  CLS-CLS
Comments: Section 32555 will be offered Online LIVE via Canvas/ConferZoom during scheduled times. Lecture; Wednesdays, 05:30p to 08:20p; requiring internet access; additional fees may apply. Contact: amanda.matifoss@mccd.edu for 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-749 Microcomputers & Business
0.0 units: .
This course introduces 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
95908
MTWTh 08:00a-04:00p  Carroll, C  BRC-206
Comments: This class may have a web component which requires internet access.

BUSN-752 Introduction to Microcomputers
0.0 units: .
This entry-level course is designed for the adult student who desires vocational training in the field of Technical Office Occupations. The course is project-based to develop student entry-level skill proficiency in using state of the art technology to solve problems. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 720 hours in duration and is open entry format.

Online
95920
F 09:00a-11:00a  Murillo Meraz, O  CLS-CLS
Comments: Section 95920 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: olga.murillo344@mccd.edu for course-specific questions.

95921
F 09:00a-11:00a  Murillo Meraz, O  CLS-CLS
Comments: Section 95921 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: olga.murillo344@mccd.edu for course-specific questions.

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
### Merced Campus

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<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Schedule</th>
<th>Location</th>
<th>Comments</th>
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<tr>
<td>12051</td>
<td>Tenn, B</td>
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<tr>
<td>12052</td>
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<td>12053</td>
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<td>12136</td>
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<tr>
<td>16018</td>
<td>Le, T</td>
<td>CLS-CLS</td>
<td>Online</td>
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<td>16019</td>
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<td>CLS-CLS</td>
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<tr>
<td>72038</td>
<td>Khurana, S</td>
<td>Online</td>
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<tr>
<td>72040</td>
<td>Djamali, E</td>
<td>Online</td>
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### CHEM-02B Introductory Chemistry: Introduction to Organic & Biochemistry

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<th>Course Code</th>
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<th>Schedule</th>
<th>Location</th>
<th>Comments</th>
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<tbody>
<tr>
<td>12716</td>
<td>Wood, B</td>
<td>M 02:00p-04:50p</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:bret.wood@mccd.edu">bret.wood@mccd.edu</a> IN-CLASS SESSIONS: Lab; Mondays; 02:00p-04:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12716 has a web component requiring internet access; additional fees may apply.</td>
</tr>
<tr>
<td>12717</td>
<td>Wood, B</td>
<td>T 08:00a-10:50a</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:bret.wood@mccd.edu">bret.wood@mccd.edu</a> IN-CLASS SESSIONS: Lab; Tuesdays; 08:00a-10:50a; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12717 has a web component requiring internet access; additional fees may apply.</td>
</tr>
<tr>
<td>12718</td>
<td></td>
<td>T 11:00a-01:50p</td>
<td>SCI-109</td>
<td>CONTACT: TBA IN-CLASS SESSIONS: Lab; Tuesdays; 11:00a-01:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12718 has a web component requiring internet access; additional fees may apply.</td>
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<td>12719</td>
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<td>T 02:00p-04:50p</td>
<td>SCI-109</td>
<td>CONTACT: TBA IN-CLASS SESSIONS: Lab; Tuesdays; 02:00p-04:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12719 has a web component requiring internet access; additional fees may apply.</td>
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<tr>
<td>12720</td>
<td>Wood, B</td>
<td>W 11:00a-01:50p</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:bret.wood@mccd.edu">bret.wood@mccd.edu</a> IN-CLASS SESSIONS: Lab; Wednesdays; 11:00a-01:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12720 has a web component requiring internet access; additional fees may apply.</td>
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<tr>
<td>12721</td>
<td>Wood, B</td>
<td>W 02:00p-04:50p</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:bret.wood@mccd.edu">bret.wood@mccd.edu</a> IN-CLASS SESSIONS: Lab; Wednesdays; 02:00p-04:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12721 has a web component requiring internet access; additional fees may apply.</td>
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<tr>
<td>12722</td>
<td>Wood, B</td>
<td>Th 08:00a-10:50a</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:bret.wood@mccd.edu">bret.wood@mccd.edu</a> IN-CLASS SESSIONS: Lab; Thursdays; 08:00a-10:50a; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12722 has a web component requiring internet access; additional fees may apply.</td>
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<tr>
<td>12723</td>
<td>Wood, B</td>
<td>Th 02:00p-04:50p</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:bret.wood@mccd.edu">bret.wood@mccd.edu</a> IN-CLASS SESSIONS: Lab; Thursdays; 02:00p-04:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 12723 has a web component requiring internet access; additional fees may apply.</td>
</tr>
<tr>
<td>16020</td>
<td>Giagou, T</td>
<td>T 07:00p-09:50p</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:thomas.giagou@mccd.edu">thomas.giagou@mccd.edu</a> IN-CLASS SESSIONS: Lab; Thursdays; 07:00p-09:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 16020 has a web component requiring internet access; additional fees may apply.</td>
</tr>
<tr>
<td>16021</td>
<td>Giagou, T</td>
<td>Th 07:00p-09:50p</td>
<td>SCI-109</td>
<td>CONTACT: <a href="mailto:thomas.giagou@mccd.edu">thomas.giagou@mccd.edu</a> IN-CLASS SESSIONS: Lab; Thursdays; 07:00p-09:50p; SCI-109. COMMENTS: 3 Lecture hours per week will be held online. Section 16021 has a web component requiring internet access; additional fees may apply.</td>
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</tbody>
</table>
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**

12054
Weathers, A Online
Comments: Section 12054 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.

12055
Weathers, A Online
Comments: Section 12055 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-85A, ENGL-85AC or ENGL-85E is advised.

This course is designed to teach general principles of chemistry emphasizing nomenclature, chemical equations, stoichiometry, concentration, gas laws, atomic structure, bonding, intermolecular forces, and crystalline solids. It is designed for the student majoring in chemistry, physics, biology, engineering, pre-med, or related fields. A student who has not successfully completed the prerequisite of CHEM-02A but has completed a high school chemistry course with a grade of "B" or higher may consider submitting a prerequisite challenge.

**Online**

12056
Weathers, A Online
Comments: Section 12056 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.

12057
Weathers, A Online
Comments: Section 12057 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.

12756
Issavi, H Online
Comments: Section 12756 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: halin.issavi@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72042
Khrurana, S Online
Comments: Section 72042 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: saheba.khrurana@mccd.edu for 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**

2724
- Weathers, A T 08:00a-10:50a Weathers, A SCI-107 Comments: CONTACT: april.weathers@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 08:00a-10:50a; SCI-107. COMMENTS: 3 Lecture hours plus 3 additional Lab hours per week will be held online. Section 12724 has a web component requiring internet access; additional fees may apply.

2725
- Weathers, A T 11:00a-01:50p Weathers, A SCI-107 Comments: CONTACT: april.weathers@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 11:00a-01:50p; SCI-107. COMMENTS: 3 Lecture hours plus 3 additional Lab hours per week will be held online. Section 12725 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-85A, ENGL-85AC, ENGL-85E or 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**

2726
- Dawson, D MW 08:00a-10:50a Dawson, D SCI-104 Comments: CONTACT: denisha.dawson@mccd.edu IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 08:00a-10:50a; SCI-104. COMMENTS: 3 Lecture hours per week will be held online. Section 12726 has a web component requiring internet access; additional fees may apply.

2727
- Dawson, D MW 11:00a-01:50p Dawson, D SCI-104 Comments: CONTACT: denisha.dawson@mccd.edu IN-CLASS SESSIONS: Lab; Mondays and Wednesdays; 11:00a-01:50p; SCI-104. COMMENTS: 3 Lecture hours per week will be held online. Section 12727 has a web component requiring internet access; additional fees may apply.

6023
MW 05:30p-06:45p Ventura, D SCI-110 Comments: This class may have a web component which requires internet access.

**Online**

2135
Dawson, D Online TTh 08:00a-10:50a Dawson, D CLS-CLS Comments: Section 12135 Lab will be held in Canvas/Zoom during the scheduled times and days (synchronous) plus 3 additional Lecture 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: denisha.dawson@mccd.edu for course-specific questions.

**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**

**CLDV-01  Child Growth and Development**

3.0 units: 54.0 hours lec.

Previously taken ENGL-01A is advised.

Examines the major physical, cognitive, social and emotional development of the child in a societal context which includes the study of stages of growth and development specific to each age group. The 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: kirsty.brace@mccd.edu for course-specific questions.

42460  Th 11:00a-11:50p Fregene, P  SCI-104  Online

Comments: Section 42460 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.

42476  TTh 02:00p-04:50p Fregene, P  SCI-104  Online

Comments: Section 42476 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patron@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

42481  Bluett-Murphy, V  SCI-104  Online

Comments: Section 42481 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: victoria.bluett-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.

42462  MWF 11:00a-11:50p Patton, M  CLS-CLS  Online

Comments: Section 42462 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.

46800  Th 05:30p-08:20p McCarrick, S  CLS-CLS

Comments: Section 46800 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: 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.

72044  Oks, O  Online

Comments: Section 72044 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: oksan.oks@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

77420  McCarrick, S  Online

Comments: This section is limited to DPHS & Chowchilla AB288/CCAP students only. Section 77420 is held from 0830/21 to 12/17/21 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: roduner.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.

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

3.0 units: 54.0 hours lec.

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**

42462  McCarrick, S  Online

Comments: Section 42462 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.

46813  W 05:30p-08:20p McCarrick, S  CLS-CLS

Comments: Section 46813 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: kirsty.brace@mccd.edu for course-specific questions.
CLDV-03 Principles and Practices of Teaching Young Children

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take CLDV-01

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity.

Online

42463
Patton, M Online

Comments: Section 42463 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patron@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

46801
T
05:30p-08:20p
Garza, M CLS-CLS

Comments: Section 46801 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: monica.garza7@mccd.edu for course-specific questions.

41814
TTh
12:30p-01:45p
Brace, K CLS-CLS

Comments: Section 41814 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: kirsty.brace@mccd.edu for course-specific questions.

72046
Rocha, J Online

Comments: Section 72046 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.rocha@mccd.edu for 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.

Limitation on Enrollment: As per California Law SB792, all volunteers, students and employees of early care and education facilities which serve children 0-5 yrs must provide documented verification of immunizations and negative TB test. This course focuses on the appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed.

Online

42780
Soria, L Online

Comments: Section 42780 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. 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: *Required* Take ENGL-A or ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P; *Advised* Previously taken ENGL-01A is advised.

This course is an introduction to laws, regulations, standards, policies and procedures as related to early childhood curriculum. The key components that ensure physical and mental health and safety for both children and staff will be identified; Specifically examining the importance of collaboration with families and health professionals. A focus of integrating the concepts of health, safety and nutrition applicable to daily planning and program development is explored.

Online

41814
TTh
12:30p-01:45p
Brace, K CLS-CLS

Comments: Section 41814 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: kirsty.brace@mccd.edu for course-specific questions.

42464
Patton, M Online

Comments: Section 42464 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: marvin.patron@mccd.edu for 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: *Required* Take ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P;

This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status. Students will demonstrate strategies for helping children negotiate and resolve conflicts with a focus on using an anti-bias approach in the classroom.

Online

42465
McCarrick, S Online

Comments: Section 42465 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.

This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children. Students will examine a teacher’s role in supporting development and engagement for all young children. This course provides strategies for developmentally-appropriate practice based on observation and assessments across the curriculum: 1) academic content areas; 2) play, art, and creativity; and 3) development of social-emotional, communication, and cognitive skills.

Online

42466
Brace, K Online

Comments: Section 42466 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-09 Human Development
3.0 units: 54.0 hours lec.
Previously taken ENGL-85AC or ENGL-01A is advised.
This course is an introduction to the scientific study of human development from conception through death. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.

Online
41822 TTh 02:00p-03:15p Patton, M CLS-CLS
Comments: Section 41822 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: marvin.patton@mccd.edu for course-specific questions.

41823 MWF 12:30p-01:20p Staff, M CLS-CLS
Comments: Section 41823 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.

CLDV-10 Strategies for Working With Challenging Behaviors
3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.
Appropriate for classroom teachers in various settings, students will identify developmentally appropriate behaviors, challenging behaviors and the various influences that effect children’s behavior. Students will analyze children’s behaviors and select strategies to make positive changes. Emphasizes the connection between children’s social and emotional development and their success in the classroom, and how the teachers' perceptions, experiences, and behavior influence child behaviors.

**Online**

46804  M  05:30p-08:20p  Staff, M  CLS-CLS  
Comments: Section 46804 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.

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

1.0 units: 

Previously taken ENGL-85A or ENGL-85AC is advised. This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student’s major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**

43800  -  Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acadics/english-literalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 60 volunteer or 75 paid hours.

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

43802  -  Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acadics/english-literalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 3 units course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 180 volunteer or 225 paid hours.

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

**Loss Banos Campus**

73000  -  Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acadics/english-literalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 60 volunteer or 75 paid hours.

73002  -  Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acadics/english-literalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 2 units course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 120 volunteer or 150 paid hours.

73004  -  Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acadics/english-literalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 3 units course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 180 volunteer or 225 paid hours.

73006  -  Cruthird, A  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/acadics/english-literalstudies/coop-ed-work40-class.html</A>. Students registered for CLDV 24, Work Experience in Child Development, must have a paid or volunteer work position in place at the time of registration. This 4 units course is designed for students majoring in Child Development and whose work is related to Child Development and requires completion of 240 volunteer or 300 paid hours.

**CLDV-30 Infant and Toddler Development**

3.0 units: 54.0 hours lec.

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

**Online**

46805  -  Staff, M  CLS-CLS  
Comments: Section 46805 will be held from 08/16/21-09/24/21. Section 46805 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.
CLDV-30L Infant/Toddler Care and Education Practice

3.0 units: 18.0 hours lec, 108.0 hours lab.
Prerequisite: *Required* Take CLDV-30; Minimum grade C,P;
Limitation on Enrollment: Students must provide immunization documentation as required by California State law to work or volunteer in a child care facility. This laboratory experience offers students the opportunity to work in a supervised early childhood program with children from birth up to three years. Students will apply current theory and research to the care and education of infants and toddlers in group settings. Coursework examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months.

Online
46806
T 05:30p-06:50p Staff, M CLS-CLS

Staff, M Online

Comments: Section 46806 will be held from 09/27/21-12/17/21.
Section 46806 the lecture 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. This class may have a web component which requires internet access. Additional fees may apply. Contact: libby.soria@mccd.edu for course-specific questions.

CLDV-34A Administration I: Early Childhood Programs and Operations

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.
*Advised* Previously taken ENGL-01A is advised.
This course is an introduction to the administration of early childhood programs. It covers program types, budget management, regulations, laws, development and implementation of policies and procedures. It examines administrative tools, philosophies, and techniques needed to organize, development and implementation of policies and procedures. It examines personnel management, in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practice for diverse, inclusive, and equitable Early Care and Education Programs.

Online
46610 MW 05:30p-08:20p Staff, M CLS-CLS

Online
42469
Cruthird, A Online

Comments: Section 42469 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-34B Administration II: Early Childhood Leadership and Advocacy

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take CLDV-34A; Minimum grade C,P;
*Advised* Previously taken ENGL-01A is advised.
This course is an Advanced Early Childhood Programs administrative course. It covers effective strategies for leadership, advocacy, and personnel management, in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practice for diverse, inclusive, and equitable Early Care and Education Programs.

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
42470
Brace, K Online

Online

Books

Comments: Section 42470 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-38 Children With Special Needs

3.0 units: 54.0 hours lec.
Previously taken CLDV-01 and ENGL-85A, ENGL-85AC or ENGL-85E is advised.
Introduces the variations in development of children with special needs ages birth through eight and the resulting impact on families. Includes an overview of typical and atypical development, historical and societal influences, laws relating to children with special needs, and the identification and referral process.

Online
42110
Amarillas, M Online

Online

Comments: Section 21100 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.

Communication Studies (COMM)

COMM-01 Fundamentals of Speech

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A(7992)or ENGL-01A(7994); Minimum grade C,P;
This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences. The focus will be on researched speeches to inform and persuade. By the end of the course, students should be speaking confidently and skillfully and should be able to transfer their understanding and skills from the classroom to “real world” situations.

Online
21100
Amarillas, M Online

Online

Comments: Section 21100 will be offered remotely and has a web component requiring internet access; additional fees may apply.
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.

21101 Ramsey, R Online

Comments: Section 21101 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.

21107 Bonstein, J Online

Comments: *Section 21107 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.*

21108 MW 02:00p-03:15p Young, J CLS-CLS

Comments: Section 21108 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) 381-6655 for technical assistance or technology resources. Additional fees may apply. Contact: young.j@mccd.edu for course-specific questions.

21109 Bonstein, J Online

Comments: Section 21109 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.

21110 MW 12:00p-01:15p Young, J CLS-CLS

Comments: Section 21110 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: young.j@mccd.edu for course-specific questions.

22102 Bonstein, J Online

Comments: Section 22102 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.

26100 Ward, M Online

Comments: Section 26100 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.

72052 Cheek, G Online

Comments: Section 72052 is a Learning Community and requires registration in ENGL-01A-72080 and GUID-30-72126 and will be offered remotely requiring internet access; additional fees may apply. A web cam is recommended. SYNCHRONOUS LIVE SESSIONS: Via ConferZoom-Mondays:9:00-10:30a; 08/30/21, 09/27/21, 10/25/21, 11/15/21, 12/16/21. 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.

72054 Cheek, G Online

Comments: Section 72054 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.

72056 Cheek, G Online

Comments: Section 72056 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.

72058 Cavallero, D Online

Comments: Section 72058 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

21105 MWF 01:00p-01:50p Bonstein, J AHC-124

Comments: This class may have a web component which requires internet access. Contact: bonstein.j@mccd.edu

21106 MWF 02:00p-02:50p Bonstein, J AHC-124

Comments: This class may have a web component which requires internet access. Contact: bonstein.j@mccd.edu

COMM-01H Honors Fundamentals of Speech

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
Limitation on Enrollment: Enrollment in the Honors Program. See the college catalog for a description of admission requirements. This course is designed to instruct students in the fundamentals of composing, preparing and presenting speeches in front of audiences. The focus will be on researched speeches to inform and persuade. By the end of the course, students should be speaking confidently and skillfully and should be able to transfer their understanding and skills from the classroom to "real world" situations.

Online

21103 Bonstein, J Online

Comments: Section 21103 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.

COMM-02 Oral Interpretation

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
This course is designed to introduce students to performance studies through analysis, appreciation, and application of interpretive performance of the various forms of literature: poetry, prose and drama.

Merced Campus

21111 MWF 12:00p-12:50p Bonstein, J LESH-111

Comments: This class may have a web component which requires internet access. Contact: bonstein.j@mccd.edu

COMM-04 Small Group Discussion & Problem Solving

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
This is a course designed to help students develop critical thinking and oral presentation skills for communicating and working together on small group tasks. Emphasis is placed on problem-solving, reasoning, conflict resolution, and leadership.
COMM-05 Interpersonal Communication

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
The focus of this course is to examine successful verbal and nonverbal communication in interpersonal relationships. Communication theory and skills will be investigated in order to help students interact more effectively in personal and professional relationships.

Online

21120
Ward, M Online
Comments: Section 21120 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.

COMM-30 Introduction to Intercultural Communication

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
This course is designed to examine the basic concepts, principles, and their application to communication between persons from different minority, ethnic, and co-cultural backgrounds within the United States and in the international arena through the scope of interpersonal communication skills. This class will assist in the understanding and evaluation of barriers to communicating with people from other cultures, which include ethnocentrism, prejudice, and lack of awareness.

Merced Campus

21121
T 12:30p-01:45p Hobbs, L LIB-MAIN
Comments: This course may have a web component which requires internet access. Contact: hobbs.l@mccd.edu

Los Banos Campus

74150
MW 09:30a-10:45a Cheek, G LB-A-103
Comments: Section 74150 has a web component requiring internet access; additional fees may apply. Contact: young.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.
### Computer Science (CPSC)

**CPSC-01 Introduction to Computer Information Systems**
- 4.0 units: 54.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A, ENGL-85AC or ENGL-85E and MATH-C.
- 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**

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<td>Celly, B</td>
<td>CLS-CLS</td>
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**CPSC-06 Programming Concepts and Methodology I**
- 3.0 units: 36.0 hours lec, 54.0 hours lab.
- Previously taken CPSC-01 and ENGL-85A, ENGL-85AC or ENGL-85E is advised.

This course introduces the discipline of computer science using a high level language; provides an overview of computer organization and an introduction to software engineering. Topics include methodologies for program design, development, style, testing, and documentation; algorithms, control structures, methods, and elementary data structures. These skills will be used to solve a variety of application problems.

**Online**

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<tr>
<td>32009</td>
<td>Celly, B</td>
<td>Online</td>
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</table>

**CPSC-07 Discrete Structures**
- 3.0 units: 45.0 hours lec, 27.0 hours lab.

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

**Online**

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<thead>
<tr>
<th>Section</th>
<th>Type</th>
<th>Instructor</th>
<th>Location</th>
<th>Time</th>
<th>Days</th>
<th>Notes</th>
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<tr>
<td>31534</td>
<td>Hogan, G</td>
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</table>

**CPSC-14 C++ Programming**
- 3.0 units: 36.0 hours lec, 54.0 hours lab.

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

**Online**

<table>
<thead>
<tr>
<th>Section</th>
<th>Type</th>
<th>Instructor</th>
<th>Location</th>
<th>Time</th>
<th>Days</th>
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<td>32056</td>
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</table>

**CPSC-17 Drone Technology I**
- 3.0 units: 36.0 hours lec, 54.0 hours lab.

This class is a basic introduction to drone technology. Lab involves construction and repair of a drone including the software used to manage data and fly. The many uses of drone technology will be explored through projects. This course will also prepare students to successfully pass the FAA aeronautical knowledge test and receive Remote Pilot Certification.

**Merced Campus**

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<tr>
<th>Section</th>
<th>Type</th>
<th>Instructor</th>
<th>Location</th>
<th>Time</th>
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</table>

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
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
32065 Kanemoto, K Online
Comments: Section 32065 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.

Online
32010 Kanemoto, K CLS-CLS
MW 11:00a-12:15p
MW 12:30p-01:45p
Comments: Section 32010 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: kanemoto.k@mccd.edu for course-specific questions.

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-85A, ENGL-85AC or ENGL-85E is advised.
The organization and behavior of real computer systems at the assembly-language level. The mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined, noting the various data representation errors and potential procedural errors.

Online
32055 Kanemoto, K Online
Comments: Section 32055 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.

Criminal Justice (CRIM)

CRIM-01 Criminology
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A or ENGL-85AC is advised
This course is an analysis of the nature and pattern of criminality and theories of criminal behavior. Crime control policies are critically examined regarding linkages among 1) social conflicts and inequalities, 2) criminal laws and enforcement practices, and 3) social deviance.

Online
41860 Noblett, D CLS-CLS
TTh 02:00p-03:15p
Comments: Section 41860 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: david.noblett@mccd.edu for course-specific questions.

41861 Staff, M CLS-CLS
MWF 11:00a-11:50a
Comments: Section 41861 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: mark.johnson702@mccd.edu for course-specific questions.

CRIM-02 Introduction to Criminal Justice
3.0 units: 54.0 hours lec.
Previously taken ENGL-85 is advised.
The course will emphasize the three major components of the system: court, corrections, law enforcement, and will then examine the role of each. This course pertains to the history and philosophy of criminal justice in America.

Online
41862 TTh 08:00a-09:15a Staff, M CLS-CLS
Comments: Section 41862 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: mark.johnson702@mccd.edu for course-specific questions.

46807 Lozano, A CLS-CLS
M 05:30p-08:20p
Comments: Section 46807 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: angelica.lozano19126@mccd.edu for course-specific questions.

49800 Johnson, M CLS-CLS
MTWTh 12:30p-01:45p
Comments: Section 49800 will be held from 08/16/21-10/15/21. Section 49800 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: mark.johnson702@mccd.edu for course-specific questions.

72070 Hilliard, D Online
Comments: Section 72070 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.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
This course covers the relationship of criminal justice agents and the community; causal and symptomatic aspects of community understand-
### 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.

**Online**  
CRJ 41871  TTh  11:00a-12:15p  Staff, M  CLS-CLS  
Comments: Section 41871 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: mark.johnson702@mccd.edu for course-specific questions.

### CRIM-11 Introduction to Corrections
3.0 units: 54.0 hours lec.  
Previously taken ENGL-85A, ENGL-85AC or ENGL-85E is advised. This course provides a critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System. A Critical examination of the types of Correctional Institutions and the clients housed in each institution are addressed.

**Online**  
CRJ 41872  MW  03:30p-04:45p  Framstad, R  CLS-CLS  
Comments: Section 41872 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: raymond.framstad@mccd.edu for course-specific questions.

### CRIM-24 Work Experience in Criminology
1.0 units: 18.0 hours lec.  
Previously taken ENGL-85A or ENGL-85AC is advised. This course enables students to earn college credit for learning and/or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Campus**  
CRJ 43804  -  Wegner, M  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: &lt;A href=https://mag.mccd.edu/Work40Info&gt;http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A&gt;. 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.

CRJ 43805  -  Wegner, M  
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: &lt;A href=https://mag.mccd.edu/Work40Info&gt;http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A&gt;. 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.

### CRIM-30 Juvenile Procedures
3.0 units: 54.0 hours lec.  
Prerequisite: *Required* Previously taken CRIM-01 CRIM-02 or CRIM-11 and passed with a minimum grade of C or received an equivalent  
"Advised" Previously taken ENGL-85A or ENGL-85AC is advised. This course is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that focus on Juvenile Law, courts and processes, and the constitutional protections extended to juveniles administered in the American Justice System.

**Online**  
CRJ 41873  TTh  03:30p-04:45p  Soto, B  CLS-CLS  
Comments: Section 41873 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: brandon.soto@mccd.edu for course-specific questions.

### CRIM-37 Communication and Ethics in Law Enforcement
3.0 units: 54.0 hours lec.  
Previously taken CRIM-02 and ENGL-85A, ENGL-85AC or EN-
GL-85E is advised. This course covers the ethical issues created by the congruent and incongruent match of criminal justice philosophy and law enforcement practice. Effective communication styles for courtroom, testimony, interrogation, and verbal judo will be examined, evaluated, and practiced.

**Online**

41876

<table>
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<th>Instructor</th>
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<td>03:30p-04:45p</td>
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Comments: Section 41876 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: delray.shelton@mccd.edu for course-specific questions.

CRIM-42C  Reserve Officer Module Level 3

7.0 units: 108.0 hours lec, 54.0 hours lab.

Previously taken ENGL-85A or ENGL-85AC is advised. Limitation on Enrollment: Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. In addition, there must be an absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician’s clearance indicating good physical health must be presented to the instructor at the first class meeting. Students must possess a California Driver’s License. This course meets the requirements of the State of California Commission on Peace Officer Standards and Training (POST). It covers topics such as: ethics, professionalism, the criminal justice system, criminal law, property crimes, crime against persons, laws of arrest, laws of search and seizure, investigative report writing, vehicle operations, use of force, crimes in progress, traffic enforcement, preliminary investigation, custodial issues, arrest and control methods including baton, first aid, CPR, chemical agents, information systems, and cultural diversity. In accordance with POST regulations, students missing more than 5% of class time will not be certified in this course. This course may be repeated two times.

**Merced Campus**

49802

<table>
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<tr>
<td>49802</td>
<td>TTh</td>
<td>06:00p-09:50p</td>
<td>Noblett, D</td>
<td>PSC-1</td>
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Comments: Section 49802 is held 08/17/21 to 10/28/21. IN-CLASS SESSIONS: In addition to the Tuesdays and Thursdays scheduled class meets, this class will also meet on Saturdays and Sundays, August 21, 2021 thru October 10, 2021, dates to be announced; 08:00a-04:50p to include a 60 minute lunch. Section 49802 requires a $117.20 fee for materials; other fees may apply. Anticipated date for Registration will begin July 1, 2021. Please contact P.O.S.T. Coordinator, David Noblett at david.noblett@mccd.edu. This class may have a web component which requires internet access.

CROP-10  Elements of Cereal Grain Production

3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-01A and MATH-80 is advised. This is a study of production principles, which include botany, taxonomy, soil tillage, fertilization, variety and seed selection, pest management, harvest, processing, storage, and marketing for important fiber, food, and cereal crops in California. Covered crops will include cotton, sugar beets, wheat, rice, barley, sorghum, corn, oats, safflower, legumes for seed, and potatoes. A field trip to a major production area is required.

**Merced Campus**

36003

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<td>M</td>
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<td>Geyer, R</td>
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Comments: Web Component which will required you to have internet access.

Diagnostic Medical Sonography (SONO)

**SONO-43A  OB/GYN Sonography**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography Program. This course presents a review of anatomy and physiology of the gravid and nongravid pelvis. Techniques of transabdominal and transvaginal preparation are introduced. Symptomology of the female patient with correlation to sonographic appearance of pathology are covered. Obstetrical sonographic assessment are covered in depth.

**Merced Campus**

41045

<table>
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<td>12:00p-02:50p</td>
<td>Zelinsky, C</td>
<td>AHC-157</td>
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</table>

SONO-43B  Clinical Experience III

9.0 units:

504.0 hours lab. Prerequisites: *Required* Take SONO-43A 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, diagnostic sonographic scanning techniques, instrumentation, work efficiency and image evaluation; emphasis on obstetric and gynecological imaging is provided. Clinical experience in all related sonographic applications is provided.

**Merced Off-Campus**

47206

<table>
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<tbody>
<tr>
<td>47206</td>
<td>Zelinsky, C</td>
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</table>

Comments: Section 47206 requires 504 hours by arrangement.

**Drafting Technology (DRFT)**

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

3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken INDT-38I and MATH-80 or MATH-85 and ENGL-84A is advised. This course uses AutoCAD. The student will progress through the fundamental and some intermediate commands. Topics included are: drawing set-up, drawing, editing, text, and dimensioning. Also, the student will construct multi-view drawings as used in industry. Most drawings will be printed from paper space.

**Merced Campus**

39414

<table>
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<tbody>
<tr>
<td>39414</td>
<td>Deziga, A</td>
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</tbody>
</table>

MTWTh 08:00a-10:50a Deziga, A VOC-40
Comments: CONTACT: anthony.deziga@mccd.edu IN-CLASS SESSIONS: Lab; MTWTh; 10:20a-12:30p; COMMENTS: Lecture hours will be held online. Section 39414 has a web component requiring internet access; additional fees may apply. Section 39414 is held from 11/08/21 to 12/16/21.

**DRFT-04B  Introduction to 3D**

3.0 units: 36.0 hours lec, 54.0 hours lab. 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**

39405

<table>
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<th>Course Code</th>
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<tbody>
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</tbody>
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MTWTh 08:00a-10:05a Thornburgh, J VOC-40
Comments: CONTACT: james.thornburgh@mccd.edu IN-CLASS SESSIONS: Lab; MTWTh; 08:00a-10:50a; COMMENTS: Lecture hours will be held online. Section 39405 has a web component requiring internet access; additional fees may apply. Section 39405 is held from 08/16/21 to 09/23/21.

**DRFT-04C  Introduction to Parametric Modeling**

3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken INDT-38I is advised. This course uses Inventor. Students will use basic, and intermediate commands to create and modify solid models. The models will be used to create Small Assemblies (less than 10 parts), 2D drawings, and Render-
MERCED COLLEGE

209.384.6000

Online
52040                          McCue-Bryx, L          Online
Comments: Section 52040 will be offered remotely and has a
web component requiring internet access; additional fees may
apply. Contact: lauren.mc cue-bryx@mccd.edu for course-spe-
cific questions. For additional information about logging into
online classes, contact www.mccd.edu/myhelp/ or call (209)
381-6565.

52111  TTh  11:00a-12:15p McCue-Bryx, L         CLS-CLS
Comments: Section 52111 will be offered Online LIVE via
Canvas/ConferZoom during scheduled times requiring inter-
net 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
51117  TTh  11:00a-12:15p McCue-Bryx, L       VOC-143
Comments: This class may have a web component which
requires internet access.

DRAM-12 Acting I
3.0 units: 36.0 hours lec, 54.0 hours lab.
Previously taken ENGL-01A is advised.
This course is designed to serve the needs of the beginning student in
acting. Emphasis will be on stage techniques and character development
for stage performance. The development of scene repertoire is also
studied by choosing scenes to be memorized from various periods of
dramatic literature. Critical evaluation, demonstration, and written reviews
are required.

Online
51160                          McCue-Bryx, L          Online
Comments: CONTACT: lauren.mc cue-bryx@mccd.edu.
IN-CLASS SESSIONS: Lab: Mondays and Wednesdays:
2:00p-3:15p; VOC-143. COMMENTS: (2) Lecture hours per
week will be held online. Section 51032 has a web component
requiring internet access; additional fees may apply.

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. Under-
standing 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
52702                          McCue-Bryx, L         Online
Comments: Section 52702 is held from 08/23/21-10/30/21.
18 hours will meet online and 108 hours will be in the Merced
College Theater TBA. Mandatory AUDITIONS will be held
on 8/18/21 and 8/19/21 from 5:00pm-8:00pm via ZOOM.
Callbacks will be held on 8/20/21 from 5:00pm-8:00pm at the
Merced College Theater. This class will require evening and
weekend meetings. For more information contact Professor
Lauren McCue-Bryx: lauren.mc cue-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

Drama (DRAM)

DRAM-01 Introduction to Theater
3.0 units: 54.0 hours lec.
Previously taken ENGL-85AC is advised. Previously taken EN-
GL-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.
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**

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<th>Time</th>
<th>Instructor</th>
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**Los Banos Campus**

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<td>TTh</td>
<td>10:30a-11:45a</td>
<td>McNally, T</td>
<td>LB-A-103</td>
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**Economics (ECON)**

**ECON-01 Introduction to Microeconomics**

3.0 units: 54.0 hours lec.

Prerequisite: "Required" Previously taken ENGL-85A or ENGL-85AC and/or 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**

51034 MWF 10:00a-10:50a Serpa, C

Comments: Section 51034 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: caitlin.serpa@mccd.edu for course-specific questions.

52001 Carter, J Online

Comments: Section 52001 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52002 Carter, J Online

Comments: Section 52002 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.

**Merced Campus**

51036 TTh 08:00a-09:15a Serpa, C

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

52701 MW 02:00p-03:15p Serpa, C

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

**Los Banos Campus**

74180 TTh 10:30a-11:45a McNally, T

Comments: Section 741800 has a web component requiring internet access; additional fees may apply.

**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**

51037 MWF 11:00a-11:50a Serpa, C

Comments: Section 51037 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: caitlin.serpa@mccd.edu for course-specific questions.

52003 Carter, J Online

Comments: Section 52003 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52041 Serpa, C Online

Comments: Section 52041 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

**Education - Non-Credit (EDU)**

**EDU-110 Reading and Computers**

0.0 units: .

286 hours open entry format. This course is best suited for adult learners below the third grade reading ability that need individual attention, encouragement, and reinforcement while learning basic phonics, reading, spelling, and vocabulary skills. The student can learn at his/her own rate of speed with computer assisted instruction.

**Merced Off-Campus**

95016 MTWTh 09:00a-12:00p Vitato, J

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

**EDU-111 Reading and Computers II**

0.0 units: .

286-324 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

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

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

0.0 units:

This optional, open entry/open exit supplemental learning assistance course can be taken by enrolled credit students as part of their credit courses. Proficiency can be attained with a minimum of 180 and a maximum of 540 hours per term. The course provides a supervised learning experience.
experience for students who can benefit from individualized instruction in study skills and study habits in a laboratory setting. The study skills and study habits learned depend on the needs of the individual students and include communication/literacy skills, quantitative reasoning skills, critical thinking skills, educational computer applications, knowledge of college resources, and application of composition skills across the curriculum.

Los Banos Campus

95607
- Cates, K

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

Online

95003
- Smith, E

Estrella, C Online

EDU-112C Skills Acquisition for Student Success - Allied Health

0.0 units: .

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

Merced Campus

95009
- Richards, J

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

95100
- Lang, K

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

95115
F 03:00p-07:00p Mehat, S BRC-120

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

Merced Off-Campus

95013
F 08:00a-12:00p Mattos, K BRC-220
F / 12:30p-04:30p Mattos, K BRC-220

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

95014
F 08:00a-12:00p Mattos, K BRC-220
F 12:30p-04:30p Mattos, K BRC-220

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
W 08:30a-12:30p Rentfrow, R LB-B-107
W 01:30p-04:30p Rentfrow, R LB-B-107

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

Merced Off-Campus

95631
W 08:30a-12:30p Rentfrow, R OFML-ATW
W 01:30p-04:30p Rentfrow, R OFML-ATW

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

95632
W 08:30a-12:30p Rentfrow, R OFML-WCC
W 01:30p-04:30p Rentfrow, R OFML-WCC

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

95633
Th 08:30a-12:30p Rentfrow, R BRC-120
Th 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 OFML-PLANA
W 01:30p-04:30p Rentfrow, R OFML-PLANA

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

95636
T 08:30a-12:30p Rentfrow, R BRC-120
T 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

32008
- Hamilton, A Online

Comments: Section 32008 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-31 Foundations of Electronics - DC and AC Circuits

5.0 units: 108.0 hours lab.

Previously taken ENGL-85E is advised. This course is an introduction to the fundamentals of electricity and electronics including basic direct and alternating current circuits, passive components, measuring instruments, circuit testing and troubleshooting. Students will learn about resistance, capacitance, inductance, and transformer action in direct and alternating current circuits. Laboratory activities are designed to offer practical experience in circuit assembly, use of test and measuring equipment, circuit analysis and troubleshooting.

Merced Campus

39038
- Hamilton, A

MTWTh 12:30p-03:30p Hamilton, A VOC-42

Comments: CONTACT: aaron.hamilton@mccd.edu IN-CLASS SESSIONS: Lab; MTWTh; 12:30p-3:30p. COMMENTS: Lecture hours will be held online. Section 39038 has a web component requiring internet access; additional fees may apply. Section 39038 is held 08/16/21 to 10/14/21. This is a Learning Community with ELCT-31-39038, ELCT-45A-39039, ELCT-45B-39080, ELCT-44-39086, and ELCT-51A-39087.

39410
- Hamilton, A

MTWTh 12:30p-03:30p Hamilton, A VOC-42

Comments: CONTACT: aaron.hamilton@mccd.edu IN-CLASS SESSIONS: Lab; MTWTh; 12:30p-3:30p. COMMENTS: Lecture hours will be held online. Section 39410 has a web component requiring internet access; additional fees may apply. Section 39410 is held 08/16/21 to 10/14/21.

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

3.0 units: 36.0 hours lec,

54.0 hours lab. Previously taken ELCT-31 and ENGL-85E is advised. This course is designed to present the principles and applications of electrical motor and equipment control techniques used in industry. Ladder logic diagrams, contactors, motor starters, and electronic controls and sensors are among the subjects to be studied. Lectures, demonstrations, and laboratory experiments will be the methods used to present and enrich the material to be learned.

Merced Campus
ELCT-42A Principles and Applications of Programmable Logic Controllers
2.0 units: 18.0 hours lec, 54.0 hours lab.
Previously taken ELCT-34 ELCT-52 and ELCT-41 is advised.
This course provides instruction in industrial type of computers called "Programmable Logic Controllers" (PLCs). The main topics introduce students to the PLC's basic hardware configuration and programming techniques. During the course students will learn how to configure and use programming instruction to create various applications. The students will program and operate on industrial PLCs as a part of laboratory assignments.

Merced Campus
36036 - Hamilton, A
M 05:10p-08:00p Hamilton, A
IT-1
Comments: CONTACT: aaron.hamilton@mccd.edu IN-CLASS SESSIONS: Lab; Mondays; 5:10p-8:00p. COMMENTS: Lecture hours will be held online. Section 36036 has a web component requiring internet access; additional fees may apply.

39002 - Nagano, J
MTWTh 01:30p-04:20p Nagano, J
IT-1
Comments: CONTACT: nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; MTWTh; 1:30p-4:20p; COMMENTS: Lecture hours will be held online. Section 39002 has a web component requiring internet access; additional fees may apply. Section 39002 is held 11/08/21 to 12/09/21.

39094 - Nagano, J
MTWTh 01:30p-04:20p Nagano, J
IT-1
Comments: CONTACT: nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; MTWTh; 1:30p-4:20p; COMMENTS: Lecture hours will be held online. Section 39094 has a web component requiring internet access; additional fees may apply. Section 39094 is held 11/08/21 to 12/09/21. This is a Learning Community with ELCT-41-39089, ELCT-42A-39094, ELCT-47-39095, ELCT-52-39111, ELCT-55-39112, INDT-25-39139, and INDT-49-32113.

ELCT-44 Electronics Project Design, Fabrication and Repair
3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Required* Take ELCT-30 or ELCT-31; Minimum Grade C,P;
*Advised* Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.
This course provides students with a basic understanding of the fabrication, soldering, rework, and repair techniques necessary to prepare them for entry-level employment in the fields of electronic fabrication, assembly, and repair. There will be emphasis on techniques needed for a broad range of non-destructive electronic repairs once the diagnostic procedures have been completed. This course emphasizes techniques commonly used in industry.

Merced Campus
39086 - Nagano, J
MTWTh 08:00a-09:20a Staff, M
VOC-42
MTWTh 09:30a-11:40a Staff, M
VOC-42
Comments: Section 39086 is held 11/08/21 to 12/16/21. This is a Learning Community with ELCT-31-39038, ELCT-45A-39039, ELCT-45B-39080, ELCT-44-39086, and ELCT-51A-39087. Web Component which will require you to have internet access.

39145 - Staff, M
MTWTh 08:00a-09:20a Staff, M
VOC-42
MTWTh 09:30a-11:40a Staff, M
VOC-42
Comments: Section 39145 is held 11/08/21 to 12/16/21. Web Component which will require you to have internet access.

ELCT-45A Introduction to Networking
3.0 units: 36.0 hours lec, 54.0 hours lab.
Previously taken ELCT-51A and ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 or MATH-85 is advised.
This curriculum helps students develop the skills needed to obtain entry-level networking jobs. It provides a hands-on approach to networking education that allows students to gain practical experience working on PC's, their components, and applications. Students complete instructional labs to understand the general theory needed to build networks and connect them to the internet. Basic security and wireless concepts are covered. This course is for students with basic PC usage skills.

Merced Campus
39039 - Staff, M
MTWTh 08:00a-09:15a Staff, M
VOC-42
MTWTh 09:25a-11:30a Staff, M
VOC-42
Comments: Section 39039 is held 08/16/21 to 09/23/21. This is a Learning Community with ELCT-31-39038, ELCT-45A-39039, ELCT-45B-39080, ELCT-44-39086, and ELCT-51A-39087. Web Component which will require you to have internet access.

39094 - Staff, M
MTWTh 08:00a-09:15a Staff, M
VOC-42
MTWTh 09:25a-11:30a Staff, M
VOC-42
Comments: Section 39094 is held 08/16/21 to 09/23/21. Web Component which will require you to have internet access.

ELCT-45B CCNA Routing and Switching
3.0 units: 36.0 hours lec, 54.0 hours lab.
Prerequisite: *Required* Previously taken ELCT-45A, ELCT-40A, CPSC-40A or CPSC-45A and passed with a minimum grade of C or received an equivalent.
This course prepares students for jobs as network technicians. Students develop soft skills required for computer and help desk technicians. Basic configurations of routing, remote access, addressing, and security are applied to routers and switches. Network monitoring and basic troubleshooting skills are examined.

Merced Campus
39080 - Staff, M
MTWTh 08:00a-09:15a Staff, M
VOC-42
MTWTh 09:25a-11:25a Staff, M
VOC-42
Comments: Section 39080 is held 09/27/21 to 11/04/21. This is a Learning Community with ELCT-31-39038, ELCT-45A-39039, ELCT-45B-39080, ELCT-44-39086, and ELCT-51A-39087. Web Component which will require you to have internet access.

39412 - Staff, M
MTWTh 08:00a-09:15a Staff, M
VOC-42
MTWTh 09:25a-11:25a Staff, M
VOC-42
Comments: Section 39412 is held 09/27/21 to 11/04/21. Web Component which will require you to have internet access.

ELCT-47 Electrical Motors, Generators Transformers and AC Distribution
3.0 units: 36.0 hours lec, 54.0 hours lab.
Previously taken ELCT-31 ELCT-41 and ELCT-52 is advised. Also previously taken ENGL-85E is advised.
This course covers principles of AC and DC motors, generators, transformers, three-phase generation, and AC distribution systems. The course content will include lecture, demonstration, and laboratory projects using motors and transformers.

Merced Campus
36289 - Hamilton, A
T 05:10p-08:00p Hamilton, A
IT-1
Comments: CONTACT: aaron.hamilton@mccd.edu IN-CLASS SESSIONS: Lab; Tuesdays; 5:10p-8:00p. COMMENTS: Lecture hours will be held online. Section 36289 has a web component requiring internet access; additional fees may apply.

39095 - Nagano, J
MTWTh 01:55p-03:55p Nagano, J
IT-1
Comments: Contact nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; MTWTh; 1:55p-3:55p; COMMENTS: Lecture hours will be held online. Section 39095 has a web component requiring internet access; additional fees may apply.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
ELCT-51A Personal Computer Configuration, Assembly and Repair

3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. Also previously taken MATH-80 or MATH-85 is advised. This is a course addressed to students without any previous knowledge of personal computers (PC). The course introduces students to the fundamentals of desktop computer installation through simple, step-by-step instruction based on the most recent CompTIA A+ exam objectives. The course will cover the basic principles of PC operation, maintenance and troubleshooting techniques through lecture and various hands-on activities.

Merced Campus
39087 MTWTh 01:00p-02:20p Staff, M VOC-42
39417 MTWTh 02:30p-04:40p Staff, M VOC-42

Merced Campus
39087 MTWTh 01:00p-02:20p Staff, M VOC-42
39417 MTWTh 02:30p-04:40p Staff, M VOC-42

Comments: Section 39087 is held 10/18/21 to 11/24/21. This is a Learning Community with ELCT-31-39038, ELCT-40A-39039, ELCT-40B-39080, ELCT-44-39086, and ELCT-51A-39087.

Web Component which will require you to have internet access.

ELCT-52 Introduction to Electricity and Electronics

3.0 units: 45.0 hours lec, 27.0 hours lab. Previously taken ENGL-84A and ELCT-30 is advised. This is an introductory course to basic electronics/electricity theory and applications including resistance, inductance, capacitance in the series, parallel, and series-parallel circuits with DC and AC power sources. Circuit analysis is accomplished through basic circuit formulas according to Ohm's and Kirchhoff's laws. Fundamentals of Magnetism, DC and AC Motors, Diodes, Transistors and Integrated Circuits and the utilization of basic test equipment in electrical construction and troubleshooting are also covered.

Merced Campus
39111 MTWTh 08:00a-10:05a Hamilton, A IT-3
39112 MTWTh 10:15a-11:25a Hamilton, A IT-3

Comments: Section 39111 is held 08/16/21 to 09/16/21. This is a Learning Community with ELCT-41-39180, ELCT-42A-39094, ELCT-47-39095, ELCT-52-39111, ELCT-55-39112, INDT-25-39139, and INDT-49-32113.

Merced Campus
39418 MTWTh 08:00a-10:05a Hamilton, A IT-3
39419 MTWTh 10:15a-11:25a Hamilton, A IT-3

Comments: Section 39418 is held 08/16/21 to 09/16/21. Web Component which will require you to have internet access.

ELCT-55 Electrical Conduit Bending Theory and Techniques

1.0 units: 9.0 hours lec, 27.0 hours lab. Previously taken INDT-35 and INDT-49 is advised. This course provides a comprehensive overview of conduit bending, fabrication procedures and methods. It will develop basic competencies in electrical apprentices and beginning learners. It will discuss hand bending for 90 degree bends, offsets and kicks, saddles and corner offsets, segmented bends, threaders, benders and other conduit types. These conduit types will include electrical metallic tubing (EMT), galvanized rigid conduit (GRC), rigid aluminum, intermediate metallic conduit (IMC), various poly-vinyl chloride (PVC), and flexible plastic and metallic conduit. Wiring in accordance with the National Electrical Code (NEC) will be stressed. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

Merced Campus
39112 F 08:00a-09:15a Hamilton, A IT-3
39113 F 09:25a-10:40p Hamilton, A IT-3

Comments: Section 39112 is held 08/20/21 to 09/24/21. This is a Learning Community with ELCT-41-39180, ELCT-42A-39094, ELCT-47-39095, ELCT-52-39111, ELCT-55-39112, INDT-25-39139, and INDT-49-32113.

Merced Campus
39119 F 08:00a-09:15a Hamilton, A IT-3
39120 F 09:25a-10:40p Hamilton, A IT-3

Comments: Section 39119 is held 08/20/21 to 09/24/21. Web Component which will require you to have internet access.

Emergency Medical Care (EMER)

EMER-50A Emergency Medical Technician 1, Module A
2.5 units: 40.5 hours lec, 13.5 hours lab. Take ALLH-67 and ENGL-85A ENGL-85AC or ENGL-85E is advised.

Limitation on Enrollment: Negative chest xray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare provider. Description: This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.

Merced Campus
49803 - Donnelly, B
Comments: Section 49803 is held from 11/02/21 to 12/09/21. Section 49803 Lecture and Lab will be offered Face-to-Face, to be held T/Th 9:30a-2:50p 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 solo.m@mccd.edu. Limited enrollment. If you have any questions, please email Maria Soto at solo.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-85A ENGL-85AC or ENGL-85E is advised.

Limitation on Enrollment: Neg. TB test before start of Module B for clinical rotations. Current CPR based on American Heart Association BLS Healthcare Provider. Must include Adult, Infant, Child CPR and AED. Description: This is the second of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians.

**Merced Campus**

49805 - McCall, T

Comments: Section 49805 is held from 10/04/21 to 12/15/21.

Section 49805 Lecture and Lab will be offered Face-to-Face, to be held M/W 5:30p-9:20p in PSC-5. This class may have a web component which requires internet access. 18 hours by arrangement to be held on 2-Saturdays and will include a 60 minute lunch break. Contact: tom.mccall@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-52 Emergency Medical Technician 1 Refresher**

1.5 units: 27.0 hours lec.

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

**Merced Campus**

49806 - McCall, T 

TBA-TBA

Comments: Section 49806 is held 08/17/21 to 09/09/21.

Section 49806 Lecture and Lab will be offered Face-to-Face, to be held T/Th 9:00a-11:50p in PSC-5. This class may have a web component which requires internet access. Contact: tom.mccall@mccd.edu for course-specific questions. If you are interested in obtaining more information regarding enrolling into the EMER-52 class, please email Maria Soto at soto.m@mccd.edu. MANDATORY REQUIREMENT: An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment.

**Engineering (ENGR)**

**ENGR-14 C++ Programming**

3.0 units: 54.0 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-01A is advised. This is the entry-level comprehensive concepts course for computer science majors, and is recommended for science and math majors. Algorithm design, logic diagrams, problem-solving, coding, and debugging are emphasized using a structured language such as C++.

**Online**

12183 - Kanemoto, K

Comments: Section 12183 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.

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

3.0 units: 54.0 hours lec.

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

*Required* Take MATH-04C

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

A first course in engineering mechanics: properties of forces, moments, couples and resultants; two- and three-dimensional force systems acting on engineering structures in equilibrium; analysis of trusses, and beams; distributed forces, shear and bending moment diagrams, center of gravity, centroids, friction, and area and mass moments of inertia.

**Online**

12001 - Gargova, S

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.

**ENGR-30 Introduction to Engineering**

2.0 units: 18.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-C or MATH-61 is advised.

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

**Online**

12002 - Gargova, S

Comments: Section 12002 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-85A ENGL-85AC or ENGL-85E is advised.

This course is an introduction to the atomic and microscopic structure of modern engineering materials. The effect of structure and manufacturing processes on the mechanical, electrical, and other physical properties of materials are studied. Metals, alloys, ceramics, polymers, and composites are explored.

**Online**

12003 - Gargova, S

Comments: Section 12003 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-85A or ENGL-85AC and passed with a minimum grade of C or received an equivalent --- OR --- Placed directly into ENGL-01A --- OR --- Concurrently enrolled in ENGL-95S
*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**

21030 González, H Online Comments: "Section 21030 requires students to register for ENGL-95S-21031 and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu" For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

21032 Comments: "Section 21032 requires students to register for ENGL-95S-21033 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.truesdale@mccd.edu" For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

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

21036 Truesdale, D Online Comments: Section 21036 requires students to register for ENGL-95S-21037 and has a web component requiring internet access; additional fees may apply. CONTACT: diana.truesdale@mccd.edu

21038 Epstein-Corbin, S Online Comments: Section 21038 requires students to register for ENGL-95S-21039 and has a web component requiring internet access; additional fees may apply. CONTACT: sean.epstein-corbin@mccd.edu

21040 Taber, J Online Comments: Section 21040 requires students to register for ENGL-95S-21041 and has a web component requiring internet access; additional fees may apply. CONTACT: seann.epstein-corbin@mccd.edu

21042 Taber, J Online Comments: Section 21042 requires students to register for ENGL-95S-21043 and has a web component requiring internet access; additional fees may apply. CONTACT: taber.j@mccd.edu

21044 Fries, M Online Comments: Section 21044 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.

21046 Lankford, T Online *INSTRUCTOR SIGNATURE REQUIRED* for ESL students only. Section 21046 requires students to register for ENGL-95S-21047 and has a web component requiring internet access; additional fees may apply. Epstein-Corbin, S Online Comments: Section 21046 requires students to register for ENGL-95S-21066 and has a web component requiring internet access; additional fees may apply. CONTACT: sean.epstein-corbin@mccd.edu For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

21153 Daughdrill, J Online Comments: Section 21153 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.

21156 Truesdale, D Online Comments: Section 21156 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.

21157 Brown, G Online Comments: Section 21157 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.

21158 Mumford, J Online Comments: Section 21158 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.

21160 Rocha, M Online Comments: Section 21160 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.

21163 Rocha, M Online Comments: Section 21163 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.

21164 Ortiz, K Online Comments: Section 21164 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.

21165 Baker, W Online Comments: Section 21165 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: william.baker@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

21168 Baker, W Online Comments: Section 21168 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: william.baker@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

21169 Mumford, J Online Comments: Section 21169 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.

21171  Hundley, A  Online
Comments: Section 21171 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: hundley.ja@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

21173  Hundley, A  Online
Comments: Section 21173 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: hundley.ja@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

21174  Hundley, A  Online
Comments: Section 21174 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: hundley.ja@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

22025  Piro, V  Online
Comments: Section 22025 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.

22050  Kahler, S  Online
Comments: Section 22050 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: shirley.kahler@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.

22051  Kahler, S  Online
Comments: Section 22051 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: shirley.kahler@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.

22052  Flatt, S  Online
Comments: Section 22052 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.

22053  Mumford, J  Online
Comments: Section 22053 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.

22062  Rempel, D  Online
Comments: Section 22062 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.

22063  Gonzalez, H  Online
Comments: Section 22063 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: heather.gonzalez@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.

22064  Taber, J  Online
Comments: Section 22064 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: taber.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.

22070  Ortiz, K  Online
Comments: Section 22070 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.

22073  Ortiz, K Online
Comments: Section 22073 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.

22074  Fries, M  Online
Comments: Section 22074 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.

26112  Epstein-Corbin, S  Online
Comments: Section 26112 requires students to register for ENGL-95S-26113 and has a web component requiring internet access; additional fees may apply. CONTACT: sean.epstein-corbin@mccd.edu For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.

26114  Baker, W  Online
Comments: Section 26114 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: william.baker@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.

26115  Ortiz, K  Online
Comments: Section 26115 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.

26116  Baker, W  Online
Comments: Section 26116 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: william.baker@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.

26117  Toconis, M  Online
Comments: Section 26117 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: toconis.m@mccd.edu For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209)381-6565.

72080  Chavez, C  Online
Comments: Section 72080 is a Learning Community and requires registration in GUID-30-72126 and COMM-01-72052 and will be offered remotely requiring internet access;
additional fees may apply. A web cam is recommended.
SYNCHRONOUS LIVE SESSIONS: Via ConferZoom-Mondays:9:00-10:30a; 08/23/21, 09/20/21, 10/18/21, 11/08/21, 11/29/21. 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.

72082 Nelson, K Online
Comments: Section 72082 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.

72084 Nelson, K Online
Comments: Section 72084 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.

72086 Kludt, K Online
Comments: Section 72086 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kevin.kludt@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72088 Mingua-Lopstain, D Online
Comments: Section 72088 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: danielle.mingulops@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72090 Chavez, C Online
Comments: Section 72090 requires students to register for ENGL-01A-72090 and 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.

72092 Johnston, J Online
Comments: Section 72092 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.

72094 Long, J Online
Comments: Section 72094 requires students to register for ENGL-95S-72118 and 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

72096 Long, J Online
Comments: Section 72096 requires students to register for ENGL-95S-72120 and 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

72098 Johnston, J Online
Comments: Section 72098 requires students to register for ENGL-95S-72122 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.

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...
ENGL-02 Oral Interpretation

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85 or ENGL-85A or ENGL-85C or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
This course is 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
21211 MWF 12:00p-12:50p Bonstein, J LESH-111
Comments: This class may have a web component which requires internet access.

ENGL-04A Introduction to World Literature: Ancients to 1650

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 developments of world literatures and cultures from the ancients to 1650 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 merit.

Online
21242 Kahler, S Online
Comments: Section 21242 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahler@mccd.edu for 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-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

21241 Koepnick, S Online

Comments: Section 21241 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.

26124 Koepnick, S Online

Comments: Section 26124 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.

21031 Gonzalez, H Online

Comments: Section 21031 requires students to register for ENGL-01A-21030 and has a web component requiring internet access; additional fees may apply. Contact: heather.gonzalez@mccd.edu 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

21031 Gonzalez, H Online

Comments: Section 21031 requires students to register for ENGL-01A-21030 and has a web component requiring internet access; additional fees may apply. Contact: heather.gonzalez@mccd.edu For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

ENGL-14 Introduction to Film

3.0 units: 36.0 hours lec, 54.0 hours lab.

Previously taken ENGL-01A is advised.

This course includes critical and popular approaches to film. Students will study film form, genre, style, criticism, and history. They will read screenplays and film criticism and theory, and view the films under consideration to obtain a better understanding of the film discipline.

Merced Campus

26124 T 05:30p-08:20p Barnes, L LESH-111

Comments: This class may have a web component which requires internet access. CONTACT: barnes.l@mccd.edu

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

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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

21241 Koepnick, S Online

Comments: Section 21241 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.

26124 Koepnick, S Online

Comments: Section 26124 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.

21031 Gonzalez, H Online

Comments: Section 21031 requires students to register for ENGL-01A-21030 and has a web component requiring internet access; additional fees may apply. Contact: heather.gonzalez@mccd.edu 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

21031 Gonzalez, H Online

Comments: Section 21031 requires students to register for ENGL-01A-21030 and has a web component requiring internet access; additional fees may apply. Contact: heather.gonzalez@mccd.edu For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>ENGL-01A-21034</td>
<td>0.0</td>
<td>81.0</td>
<td>llec.</td>
<td>In Adult Literacy Level 3, students will read level-appropriate text (500-690 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.</td>
<td>Online</td>
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<tr>
<td>ENGL-01A-72094</td>
<td>0.0</td>
<td>81.0</td>
<td>llec.</td>
<td>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.</td>
<td>Online</td>
<td></td>
</tr>
<tr>
<td>ENG-123  Adult Literacy Level 2</td>
<td>0.0</td>
<td>81.0</td>
<td>llec.</td>
<td>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.</td>
<td>Online</td>
<td></td>
</tr>
<tr>
<td>ENG-124  Adult Literacy Level 3</td>
<td>0.0</td>
<td>81.0</td>
<td>llec.</td>
<td>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.</td>
<td>Online</td>
<td></td>
</tr>
</tbody>
</table>
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
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: .
COURSE DURATION IS 204-255 HOURS; open entry format. This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/oral skills and visual reinforcement.

Online
95026
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
MWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95049 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: olga.murillo344@mccd.edu for course-specific questions.

95057 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.

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. 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.

95107 MWF 05:30p-08:00p Cervantes Juan, M CLS-CLS
Comments: Section 95107 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: maria.cervantes270@ mccd.edu for course-specific questions.

95118 T 06:00p-08:00p Ramos Avalos, S CLS-CLS
Comments: Section 95118 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: sergio.ramos@mccd.edu for course-specific questions.

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

ENG-803 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
95105 MTWTh 08:30a-11:30a Staff, M OFML-LIVIN
Comments: This class may have a web component which requires internet access.

95023 MW 12:30p-03:30p Allen, R CLS-CLS
F 10:30a-01:30p Allen, R CLS-CLS
Comments: Section 95023 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: rebecca.allen@mccd.edu for course-specific questions.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Format</th>
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<tbody>
<tr>
<td>ENG-813</td>
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</table>

**ENG-813 Low-Intermediate ESL Skills**

This course is designed for low-intermediate level students who need more practice with English skills. This course includes practice in listening, speaking, reading, and writing. Course Duration is 204 - 255 hours.

**Online**

<table>
<thead>
<tr>
<th>Section Number</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>95024</td>
<td>T</td>
<td>10:30a-01:00p</td>
<td>Allen, R</td>
<td>CLS-CLS</td>
</tr>
</tbody>
</table>

Comments: Section 95024 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: sergio.ramos@mccd.edu for course-specific questions.

<table>
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<tr>
<th>Section Number</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Format</th>
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<tbody>
<tr>
<td>95028</td>
<td>Online</td>
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</table>

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.

<table>
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<tr>
<th>Section Number</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>95097</td>
<td>MTWTh</td>
<td>09:00a-12:00p</td>
<td>Allen, R</td>
<td>CLS-CLS</td>
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</tbody>
</table>

Comments: Section 95097 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: rebecca.allen@mccd.edu for course-specific questions.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
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: maria.cervantes2700@mccd.edu for course-specific questions.

95120  Th  06:00p-08:00p  Ramos Avalos, S  CLS-CLS  Comments: Section 95120 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: sergio.ramos@mccd.edu for course-specific questions.

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

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.

ENG-815 Intermediate ESL Skills

0.0 units:

Course duration is 204 - 255 hours. This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing.

Online

95021  MTWTh  08:15a-12:00p  Worden, F  CLS-CLS  Comments: Section 95021 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: worden.f@mccd.edu for course-specific questions.

95025  Th  10:30a-01:30p  Allen, R  CLS-CLS  Comments: Section 95025 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: rebecca.allen@mccd.edu for course-specific questions.

95029  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.

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.

**Online**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Mode</th>
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<tbody>
<tr>
<td>95111</td>
<td>Lankford, T</td>
<td>Online</td>
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</table>

Comments: Section 95111 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) 381-6655 for technical assistance or technology resources. Additional fees may apply. Contact: taylor.lankford@mccd.edu for course-specific questions.

**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**

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<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Mode</th>
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<tbody>
<tr>
<td>95112</td>
<td>Lankford, T</td>
<td>Online</td>
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</table>

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

**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.

**Online**

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<tr>
<th>Course Code</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>21245</td>
<td>Lankford, T</td>
<td>Online</td>
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</table>

Comments: Section 21245 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) 381-6655.

**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.

**Online**

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<tr>
<th>Course Code</th>
<th>Instructor</th>
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<tr>
<td>21466</td>
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<td>Online</td>
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**Merced Off-Campus**

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<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Mode</th>
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<tbody>
<tr>
<td>21244</td>
<td>Lankford, T</td>
<td>BRC-210</td>
</tr>
</tbody>
</table>

Comments: This class may have a web component which requires internet access. CONTACT: taylor.lankford@mccd.edu Section 21244 is located at the BRC, 630 W 19th St. Merced.

**Ethnic Studies (ETHN)**

**ETHN-22 History of Black Americans**

3.0 units: 54.0 hours lec.

Previously taken ENGL-01A is advised. This course is a political and social history of American society and culture as seen from the Black perspective. It is a survey course covering the period from 1600 to the present. This course presents in-depth the historical background and development of American institutions and ideals.

**Online**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>52122</td>
<td>Jackson, M</td>
<td>Online</td>
</tr>
</tbody>
</table>

Comments: Section 52122 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. Additional fees may apply. Contact: dean.caivano@mccd.edu for course-specific questions.

**ETHN-23 History of Mexican Americans**

3.0 units: 54.0 hours lec.

Previously taken ENGL-01A is advised. This course is an introduction to the history of Mexican Americans, and is designed to examine the contributions of Latinos to the U.S. Emphasis will be placed upon the exploration, settlement, and ideology of Latinos throughout the U.S. The course has pragmatic and relevant historical coverage that includes pre-Columbian to civil rights movements of Latinos in the U.S.

**Online**

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<tr>
<th>Course Code</th>
<th>Instructor</th>
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<tr>
<td>52121</td>
<td>TTh</td>
<td>CLS-CLS</td>
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</table>

Comments: Section 52121 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) 381-6655 for technical assistance or technology resources. Additional fees may apply. Contact: dean.caivano@mccd.edu for course-specific questions.

**Fire Technology (FIRE)**

**FIRE-30 Fire Protection Organization**

3.0 units: 54.0 hours lec.

Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course provides an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and introduction to fire strategy and tactics.

**Online**

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<th>Course Code</th>
<th>Instructor</th>
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<tr>
<td>46809</td>
<td>T</td>
<td>CLS-CLS</td>
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Comments: Section 46809 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) 381-6655 for technical assistance or technology resources. Additional fees may apply. Contact: tom.mccall@mccd.edu for course-specific questions.

**FIRE-31 Fire Behavior and Combustion**

3.0 units: 54.0 hours lec.

Prerequisite: *Required* Take FIRE-30; Minimum Grade C,P; *Advised* Previously taken ENGL-85AC or ENGL-85E is advised. This course presents the theory and fundamentals of how and why fires start, spread, and are controlled; an in-depth study of fire chemistry and physics; fire characteristics of materials; extinguishing agents; and fire control techniques.

**Online**

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<tr>
<th>Course Code</th>
<th>Instructor</th>
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<tr>
<td>46810</td>
<td>Donnelly, B</td>
<td>Online</td>
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</table>

Comments: Section 46810 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: donnelly.b@mccd.edu for course-specific questions.
Questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

FIRE-32  Fire Prevention Technology
3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take FIRE-30; Minimum grade C,P; *Advised* Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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

Online 41888  McCall, T  Online
Comments: Section 41888 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tom.mccall@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

FIRE-33  Fire Protection Equipment and Systems
3.0 units: 54.0 hours lec.
Prerequisite: *Required* take fire-30; minimum grade c,p; *Advised* Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

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

Online 41889  McCall, T  Online
Comments: Section 41889 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tom.mccall@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

FIRE-40  Principles of Fire and Emergency Services
Safety and Survival
3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take FIRE-30 Minimum grade C,P;

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

Online 41895  McCall, T  Online
Comments: Section 41895 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: tom.mccall@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

French (FREN)

FREN-01  Elementary French I
5.0 units: 90.0 hours lec.
Previously taken ENGL-84A is advised.

This is a beginner s course. The course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in French the most basic functions of everyday life. This course is not recommended for native speakers.

Merced Campus 21255  TTh  03:00p-05:15p  Rida, A  VOC-143

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

GED-101  Basic Skills Development and GED Preparation
0.0 units:
This 144-324 hours course is designed to build the basic academic skills of adult learners in the areas of reading comprehension, language and evidence-based writing, mathematical reasoning, life, physical, and earth sciences, and social science. Special emphasis is placed on analytical reading skills, problem solving, and test preparation. The content of this course is reflective all new modifications to the GED exam. Subject matter included are the areas covered by the GED exam such as science, social studies, literature, mathematics and writing.

Online 95066  Castro, M  Online
Comments: Section 95066 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.

Online 95067  Castro, 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.

Online 95062  Castro, M  Online
Comments: Section 95062 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.

Geography (GEOG)

GEOG-01  Physical Geography
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This course is a spatial study of the Earth’s dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

Online 52090  MW  11:00a-11:50a  Chambers, D  CLS-CLS
Comments: Section 52090 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.

Online 52198  TTh  09:30a-10:45a  Chambers, D  CLS-CLS
Comments: Section 52198 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.
GEOL-01  Physical Geology
3.0 units:  54.0 hours lec.

does not require internet access.  

Merced Campus
51086  MWF  09:00a-09:50a  Chambers, D  OUTD-4
Comments: This class may have a web component which requires internet access.

12751 has a web component requiring internet access; additional fees may apply.

51041  MWF  11:00a-11:50a  Chambers, D  VOC-143
Comments: This class may have a web component which requires internet access.

Environmental Science
3.0 units:  54.0 hours lec.

Merced Campus
51089  TTh  09:30a-10:45a  Chambers, D  LESH-111
Comments: This class may have a web component which requires internet access.

GEOG-01L  Physical Geography Laboratory
1.0 units:
54.0 hours lab. Prerequisite: "Required" Take GEOG-01

Merced Campus
51088  TTh  12:30p-01:45p  Chambers, D  AHC-129
Comments: This class may have a web component which requires internet access.

GEOG-02  World Geography
3.0 units:  54.0 hours lec.

Online
TTh  12:30p-01:45p  Chambers, D  CLS-CLS
Comments: Section 52089 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: david.chambers@mccd.edu for course-specific questions.

GERN-01  Elementary German I
5.0 units:  90.0 hours lec.

Online
21256  Schreiber, A  Online
Comments: Section 21256 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.

21256 has a web component requiring internet access; additional fees may apply.

German (GERN)

Three units:  54.0 hours lec.

Merced Campus
51089  MWF  08:00a-08:50a  Chambers, D  IAC-139
Comments: This class may have a web component which requires internet access.

Guidance (GUID)

GUID-30  Foundations and Strategies For College Success
3.0 units:  54.0 hours lec.

Previously taken ENGL-01A 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.
**GUID-48 Life and Career Planning**

3.0 units: 54.0 hours lec.

Previously taken ENGL-85AC is advised.

This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends. The total individual is explored; issues such as life roles, values and goals, life styles, preferences, coping skills, and personal barriers as they relate to decisions will be covered.

**Online**

81029 MWF 11:00a-11:50a CLS-CLS
Comments: Section 81029 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: TBA for course-specific questions.

**Merced Campus**

82031 Garcia, C Online
Comments: Section 82031 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: garcia.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.

82832 Garcia, C Online
Comments: Section 82832 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: garcia.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.
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
 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.

42391 Casey, R Online Comments: Section 42391 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.

42392 Severo, S Online Comments: Section 42392 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: severo.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.

42394 Huddleston, A Online Comments: Section 42394 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.

42395 Staff, M Online Comments: Section 42395 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: __________________@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact: www.mccd.edu/myhelp/ or call (209) 381-6565.

42396 Comments: Section 42396 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: severo.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.

HLTH-15 Drugs, Alcohol & Tobacco
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course will give students a basic understanding of the psycho-physiological effects of drugs, alcohol, and tobacco. Included in the study will be use patterns, individual and societal problems that arise from abuse, and the medicinal effects. Personal coping skills will be included that can help individuals develop drug-free lifestyles.

Online
42326 Severo, S Online Comments: Section 42326 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: severo.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.

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 correspon-
dence; 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.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course provides a broad historical survey of humanity's social, political, economic, and intellectual experiences for all major world civilizations from pre-history through at least 1500.

Online
52034 Arnold, T Online Comments: Section 52034 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.

52808 Arnold, T Online Comments: Section 52808 is held from 10/18/21 to 12/17/21; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: For course-specific questions contact thomas.arnold@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

Merced Campus
51102 TTh 11:00a-12:15p Fong, A IAC-139 Comments: This class may have a web component which requires internet access.

51103 MWF 10:00a-10:50a Lorenz, M OUTD-4 Comments: This class may have a web component which requires internet access.

HIST-04B World History Part 2
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course provides a broad historical survey of humanity's social political, economic, and intellectual experiences for all major world civilizations from approximately the 16th century to the present.

Online
52031 Hampton, C Online Comments: Section 52031 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 technology problems, contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565. Students need to log in within the first two days of class.

Merced Campus
51104 MWF 11:00a-11:50a Lorenz, M OUTD-4 Comments: This class may have a web component which requires internet access.

HIST-07 History of Southeast Asia
3.0 units: 54.0 hours lec.
This course provides a broad historical survey of Southeast Asia from pre-historic times to the present. This course includes the study of traditional and modern Southeast Asia, cultural achievements, and contributions to both Eastern and Western civilizations.

Online
52106 MWF 01:00p-01:50p Fong, A CLS-CLS
### HIST-09B Japan: Introduction to East Asian Civilization

3.0 units: 54.0 hours lec. 
Previously taken ENGL-01A is advised.

This course provides a broad historical survey of Japan from pre-historic times to the present. The course includes the study of traditional and modern Japan, significant institutions, cultural achievements, and contributions to both Eastern and Western civilizations.

**Online**

52105  TTh  08:00a-09:15a  Fong, A  CLS-CLS
Comments: Section 52105 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: adam.fong@mccd.edu for course-specific questions.

### HIST-17A United States History and United States Constitution

3.0 units: 54.0 hours lec. 
Previously taken ENGL-01A is advised.

This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation. Course will emphasize the development of critical and historical thinking skills.

**Online**

51107  MWF  09:00a-10:50a  Purcell, C  Online
Comments: Section 51107 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.

51115  MWF  09:30a-11:20a  Purcell, C  Online
Comments: Section 51115 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.

51116  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 51116 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.

52007  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 52007 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52008  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 52008 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52009  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 52009 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565. Students need to log in within the first two days of class.

52078  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 52078 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565. Students need to log in within the first two days of class.

52079  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 52079 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565. Students need to log in within the first two days of class.

52101  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 52101 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: steven.graham@mccd.edu for course-specific questions.

52112  TTh  02:00p-03:15p  Driskill, D  CLS-CLS
Comments: Section 52112 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: daniel.driskill@mccd.edu for course-specific questions.

52803  MWF  09:00a-10:50a  Nystrom, E  Online
Comments: Section 52803 is held from 09/27/21 to 11/05/21; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: For course-specific questions contact marvin.jackson@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52809  MWF  09:00a-10:50a  Nystrom, E  Online
Comments: Section 52809 is held from 10/18/21 to 12/17/21; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: For course-specific questions contact jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72134  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 72134 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72136  MWF  10:30a-12:20a  Nystrom, E  Online
Comments: Section 72136 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jill.connors@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
### CLASSES

**Merced Campus**

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<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>51108</td>
<td>MWF</td>
<td>09:00a-09:50a</td>
<td>Graham, S</td>
<td>VOC-143</td>
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<tr>
<td>51109</td>
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<td>10:00a-10:50a</td>
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<tr>
<td>51112</td>
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<td>12:00p-12:50p</td>
<td>Lorenz, M</td>
<td>OUTD-4</td>
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<tr>
<td>51114</td>
<td>TTh</td>
<td>12:30p-01:45p</td>
<td>Harvey, E</td>
<td>THTR-STG</td>
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<tr>
<td>51119</td>
<td>TTh</td>
<td>02:00p-03:15p</td>
<td>Driskill, D</td>
<td>AHC-129</td>
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<tr>
<td>51120</td>
<td>MWF</td>
<td>01:00p-01:50p</td>
<td>Seymour, D</td>
<td>IAC-139</td>
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<td>51121</td>
<td>MWF</td>
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<td>Seymour, D</td>
<td>IAC-139</td>
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<tr>
<td>59003</td>
<td>MWF</td>
<td>10:00a-11:50a</td>
<td>Caivano, D</td>
<td>OUTD-3</td>
</tr>
</tbody>
</table>

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

### HIST-17B United States History and California State and Local Government

3.0 units. 54.0 hours lec.

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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>51126</td>
<td>Lorenz, M</td>
<td>Online</td>
</tr>
<tr>
<td>51127</td>
<td>Nyström, E</td>
<td>Online</td>
</tr>
<tr>
<td>51129</td>
<td>Purcell, C</td>
<td>Online</td>
</tr>
</tbody>
</table>

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

Comments: This class may have a web component which requires internet access. Additional fees may apply. Contact: eric.nyström@mccd.edu for 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: This class may have a web component which requires 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.

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

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

Comments: This class may have a web component which requires internet access. Additional fees may apply. Contact: adam.fong@mccd.edu for course-specific questions.

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

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

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

Comments: This class may have a web component which requires 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.
coverage that includes pre-Columbian to civil rights movements of Latinos in the U.S.

**Online**

52120  TTh  11:00a-12:15p  Caivano, D  CLS-CLS

Comments: Section 52120 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: dean.caivano@mccd.edu for course-specific questions.

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**HIST-29 History of California**

3.0 units: 54.0 hours lec.

Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course is a survey of the early history of California through to the present, starting with the original peoples of California, the discovery and settlement of the area by the Spanish, the Mexican period, American conquest and occupation, and the gold rush. The course also examines topics including the economic, social, cultural, and political consequences of railroad expansion, and early twentieth-century urbanization. It also includes the impact of the Great Depression and World War II, water projects, protest and reform movements of the 1960’s, the rise of conservatisim and recent political trends.

**Online**

52013  Harvey, E  Online

Comments: Section 52013 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 technology problems, contact the Help Desk at www.mccd.edu/myhelp/ or call (209) 381-6565. Students need to log in within the first two days of class.

Merced Campus

52807  Hampton, C  Online

Comments: Section 52807 is held from 08/16/21 to 10/15/21; it will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: For course-specific questions contact caleb.hampton@mccd.edu. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

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**HIST-22 History of Minorities - Black Emphasis**

3.0 units: 54.0 hours lec.

Previously taken ENGL-01A is advised.

This course is a political and social history of American society and culture as seen from the Black perspective. It is a survey course covering the period from 1600 to the present. This course presents in-depth the historical background and development of American institutions and ideals.

**Online**

52012  Jackson, M  Online

Comments: Section 52012 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.

Merced Campus

51005  TTh  02:00p-03:15p  Harvey, E  THTR-STG

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

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**HIST-900 American Citizenship**

0.0 units:  

This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (USCIS). The course will include civil rights, voting, historical development of the U.S., types of government, the 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**

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.

95037  M  05:00p-07:00p  Alvarado-Barba, A  CLS-CLS

Comments: Section 95037 will be held in Canvas/Zoom during the scheduled times and days (synchronous). This course
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.

Merced Campus
21258 MW 05:30p-07:45p Ly, C AHC-123
Comments: Section 21258 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Honors (HNRS)

HNRS-40A Honors Seminar: The 60's Experience
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
21250 T 02:00p-03:50p Hallman, M AHC-124

Human Services (HMSV)

HMSV-20 Social Welfare and Social Work
3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.
A practical and general study of theoretical concepts and institutional frameworks that guide social welfare policy and practice. This course provides an overview of the social work profession and the social welfare system within which it operates, including federal, state, and county organizations. Students will also review employment opportunities and requirements in social welfare.

Online
56023 Richardson, C Online
Comments: Section 56023 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: cheweeta.richardson@mccd.edu for course-specific questions.

HMSV-24 Work Experience in Human Services
1.0 units: .
Previously taken ENGL-85A or ENGL-85AC is advised.
This course enables students to earn college credit for learning or improving skills and/or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
53001 Saich, E
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 60 volunteer or 75 paid hours.

53002 Saich, E
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 120 volunteer or 150 paid hours.

53003 Saich, E
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 180 volunteer or 225 paid hours.

53004 Saich, E
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for HMSV 24, Work Experience in Human Services, must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Human Services and whose work is related to the Human Services major. This course requires completion of 240 volunteer or 300 paid hours.

Los Banos Campus
73008 Coahran, S
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/
HUM-01 Studies in Humanities--Ancient Through Renaissance
3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.

The principal aims of this course are to examine human existence and cultural endeavors from the earliest ancient civilizations through the Renaissance. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

Online
21140  Kahler, S  Online
Comments: Section 21140 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shirley.kahler@mccd.edu for 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-01H Honors Studies in Humanities--Ancient Through Renaissance
3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.

The principal aim of this course is to examine human existence and cultural endeavor from the earliest ancient civilizations through the Renaissance. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

CLASSES
together with systematic methods of trouble shooting.

Merced Campus

INDT-38I Industrial Technology Computer Applications and Literacy

3.0 units: 36.0 hours lec, 54.0 hours lab.
This course explores usage in the workplace with emphasis on industrial technology (IT) situations and applications. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered. Also included will be other software and hardware appropriate to industrial technology.

Merced Campus

INDT-49 Electrical Codes and Ordinances

3.0 units: 54.0 hours lec.
This is a course in the interpretation and application of the National Electrical Code (NEG), and other national, state and local electrical codes and ordinances which regulate the installation, alteration and maintenance of electrical circuits, systems and equipment. Students may petition, through the Office of Admissions and Records, to retake the course as the Nation Electrical Codes change. vignettes: Lecture hours will be held online. Section 39386 has a web component requiring internet access; additional fees may apply Section 39420 is held 08/16/21 to 09/23/21.

Online

Education and Literacy

KINE-01 Introduction to Kinesiology

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take ENGL-85A, ENGL-85AC or ENGL-85E and ENDT-50 and ENDT-52 and MATH-80 or MATH-85 is advised. This course will enable students to identify and understand the operation of various components and systems found in air conditioning refrigeration systems. Students will perform diagnostic and repair procedures on air conditioning refrigeration systems and related equipment. Thermodynamic and psychometric principles as they relate to air conditioning systems will be covered.

Merced Campus

39139 - Nagano, J
MTWTh 01:55p-04:00p Nagano, J IT-1
Comments: CONTACT: nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; MTWTH; 1:55p-04:00p; COMMENTS: Lecture hours will be held online. Section 39139 has a web component requiring internet access; additional fees may apply Section 39139 is held 08/16/21 to 09/23/21. This is a Learning Community course. ELCT-41-39180, ELCT-42A-39094, ELCT-47-39095, ELCT-52-39111, ELCT-55-39112, INDT-25-39139, and INDT-49-32113.

39420 - Nagano, J
MTWTh 01:55p-04:00p Nagano, J IT-1
Comments: CONTACT: nagano.j@mccd.edu IN-CLASS SESSIONS: Lab; MTWTH; 1:55p-04:00p; COMMENTS: Lecture hours will be held online. Section 39420 has a web component requiring internet access; additional fees may apply Section 39420 is held 08/16/21 to 09/23/21.

INDT-38I Industrial Technology Computer Applications and Literacy

3.0 units: 36.0 hours lec, 54.0 hours lab.
This course explores usage in the workplace with emphasis on industrial technology (IT) situations and applications. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered. Also included will be other software and hardware appropriate to industrial technology.

Merced Campus

39386 - Thornburgh, J
MTWTh 08:00a-10:00a Thornburgh, J VOC-40
Comments: CONTACT: james.thornburgh@mccd.edu IN-CLASS SESSIONS: Lab; MTWTH; 8:00a-10:00a; COMMENTS: Lecture hours will be held online. Section 39386 has a web component requiring internet access; additional fees may apply Section 39386 is held 09/27/21 to 11/04/21.

INDT-49 Electrical Codes and Ordinances

3.0 units: 54.0 hours lec.
This is a course in the interpretation and application of the National Electrical Code (NEG), and other national, state and local electrical codes and ordinances which regulate the installation, alteration and maintenance of electrical circuits, systems and equipment. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

Online

32113 Hamilton, A Online
Comments: Section 32113 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact aron.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. Section 39113 is held 11/01/21 to 11/24/21. This is a Learning Community course. ELCT-41-39180, ELCT-42A-39094, ELCT-47-39095, ELCT-52-39111, ELCT-55-39112, INDT-25-39139, and INDT-49-32113.

32114 Hamilton, A Online
Comments: Section 32114 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact aron.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. Section 32114 is held 11/01/21 to 11/24/21.

INDT-51 HVAC -- Ventilation and Air Conditioning Systems

6.0 units: 72.0 hours lec, 108.0 hours lab.
KINE-02 First Aid and CPR for the Professional Rescuer
3.0 units: 54.0 hours lec.
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
42091
McCall, S
Online
Comments: Section 42091 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mccall.s@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.

KINE-03 Introduction to Athletic Training
3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A or ENGL-85AC is advised.
This is an introductory course in recognition, assessment, management, care and prevention of injuries occurring in physical activities.

Online
42328
Tall, J
Online
Comments: Section 42328 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: jessica.tall@mccd.edu.

KINE-09 Adaptive Physical Education
1.0 units: 54.0 hours lab.
Advisory: Student must provide medical verification of disability and recommendation of medical intervention. This course is a continuing program of individualized instruction for the physically disabled student allowing that student long-range participation in an adapted exercise physiology environment designed to created more physical independence for the student.

Online
42329
Huddleston, A
Online
Comments: Section 42329 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 209-381-6565.

KINE-13 Beginning Basketball
1.0 units: 54.0 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course offers the beginning student the opportunity to develop and improve fundamental skills involved in basketball, such as: ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play. Rules, strategy, and sportsmanship are also stressed.

Online
42378
Huddleston, A
Online
Comments: Section 42378 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 209-381-6565.

KINE-14 Beginning Volleyball
1.0 units: 54.0 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course begins with the basic skills and court positions necessary to enjoy the sport. Each class session begins with warm-up exercises and "dry-land" drills. Skill period ends with class participation in a volleyball match.

Online
42303
Serna, R
Online
Comments: Section 42303 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: serna.r@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.

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 fundamentals of softball. Batting, throwing, catching, base running, team play, rules and strategy will be covered.

Merced Campus
41376
McGhee, S
ATHL-SBF

KINE-16 Football-Offensive Development
1.0 units: 54.0 hours lab.
Good general health; absence of medical conditions that would prevent planned physical activity. This course offers the student the opportunity to develop and improve the fundamental skills involved in football, such as passing, receiving, kicking, blocking (with the aid of blocking dummies), team play and strategy. The observation of live practices as well as educational topics related to the sport.

Merced Campus
41377
Casey, R
ATHL-FBPF

KINE-20 Aqua Aerobics
1.0 units: 54.0 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course is designed to improve cardiorespiratory fitness, muscular fitness, and flexibility. Exercises are performed in the pool to add resistance and minimize impact on bones and joints. Non-swimmers and swimmers will benefit from this course.

Merced Campus
49332
Halpin, W
ATHL-POOL
Comments: Section 49332 will be held from 08/16/21 to 10/15/21. Section 49332 will be offered remotely and has a web component requiring internet access; additional fees may apply. For further information regarding this course, please contact the instructor at: billy.halpin@mccd.edu.

KINE-24 Work Experience in Kinesiology
1.0 units: .
Previously taken ENGL-85A or ENGL-85AC is advised.
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
43300
McCall, S
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Tuition</th>
<th>Description</th>
<th>Credits</th>
<th>Hours Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE-24A</td>
<td>Beginning Swimming</td>
<td>1.0</td>
<td>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.</td>
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<td>Merced Campus 41424 MWF 10:00a-10:50a Halpin, W ATHL-POOL</td>
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<tr>
<td>KINE-24B</td>
<td>Techniques and Stroke Development</td>
<td>1.0</td>
<td>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.</td>
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<td>Merced Campus 41333 MWF 11:00a-11:50a Halpin, W ATHL-POOL</td>
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<tr>
<td>KINE-24C</td>
<td>Swimming for Fitness</td>
<td>1.0</td>
<td>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.</td>
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<td>Merced Campus 41334 TTh 09:00a-10:15a Halpin, W ATHL-POOL</td>
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<td>KINE-30</td>
<td>Group Exercise</td>
<td>1.0</td>
<td>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.</td>
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<td>Online 42335 Cruz, O Online Comments: Section 42335 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:cruz.o@mccd.edu">cruz.o@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>Online 42336 Cruz, O Online Comments: Section 42336 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:cruz.o@mccd.edu">cruz.o@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>KINE-31</td>
<td>Aerobic Training</td>
<td>1.0</td>
<td>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.</td>
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<td>Online 42337 Cruz, O Online Comments: Section 42337 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:cruz.o@mccd.edu">cruz.o@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>Online 42338 McGhee, S Online Comments: Section 42338 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:suzanne.mcghee@mccd.edu">suzanne.mcghee@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>Online 42339 Huddleston, A Online Comments: Section 42339 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:huddleston.a@mccd.edu">huddleston.a@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>Online 42340 Mendes, D Online Comments: Section 72144 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:mendes.d@mccd.edu">mendes.d@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>Online 42341 Serna, R Online Comments: Section 42341 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:serna.r@mccd.edu">serna.r@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>Online 42342 Cruz, O Online Comments: Section 42342 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:cruz.o@mccd.edu">cruz.o@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact: <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>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.</td>
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Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

KINE-33 Weight Training

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights. This class is designed specifically to improve strength. The class is suited for athletes and men and women of all age groups who are interested in muscle toning and muscle building.

Online

KINE-34 Fitness Through Activity

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. Students will attain optimal levels of fitness by applying techniques used in a variety of team and/or individual activities. Drills and activities closely emulate actual conditions of competition performance.

Online

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
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.

Online
42092
Kelly, P Online
Comments: Section 42092 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kelly.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.

KINE-41 Tennis
1.0 units: 54.0 hours lab.
Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course teaches basic skills of tennis including gripping the racket, body positioning, foot work, swing and follow through. Emphasis is placed on forehand, backhand, and the serve fundamentals. Drills and actual game participation are emphasized. History, rules, scoring and tennis etiquette are also taught.

Online
42357
Devine, N Online
Comments: Section 42357 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.

LAND-15 Landscape Maintenance
3.0 units: 36.0 hours lec.
This course prepares students to enhance the function and aesthetic value of public and private landscapes by applying appropriate maintenance techniques. Topics include planting, pruning, watering, soil fertility, pest management, weed control, and landscape maintenance business practices.

Merced Campus
31229
TTh 10:30a-11:20a Armenta, E VOC-138
TTh 11:30a-12:45p Armenta, E VOC-138
Comments: Web Component which requires you to have internet access.

LAND-24 Work Experience in Landscape Horticulture
1.0 units: .
Previously taken ENGL-85A or ENGL-85AC is advised.
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 units of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus
33106
Codd, A
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 2 unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

33107
Codd, A
Comments: This course has a MANDATORY ORIENTATION. Please see the Work Experience Webpage for orientation dates: http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work-40-class.html. This 2 unit course is designed for students who will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

Learning Resources (LRNR)

LRNR-30 Information Competency in the Electronic Age
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A or ENGL-85AC and AOM-50B, keyboard at a minimum rate of 25 wpm at 95% accuracy is advised. This course is designed to introduce students to library research concepts, skills and resources. Course work will include information and digital literacy, research methods, and consideration of social, ethical and legal implications of information use. The student will learn the concepts and skills for successful research at the college level.

Online
62700
Bullock, K Online
Comments: CONTACT: karrie.bullock@mccd.edu IN-CLASS SESSIONS: Lecture; Thursdays: 03:00p-03:50p; AHC-139.
Liberal Studies (LBST)

LBST-10 Introduction to Education I
3.0 units: 36.0 hours lec, 54.0 hours lab. 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 off-campus school sites. Observation placements will not be available for students with felony convictions.

Online 22022
Pimentel, M Online
Comments: Section 22022 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.

22023
Comments: Section 22023 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 K-8 Math and Science classroom environments and share observations with faculty and peers in weekly meetings to note differences in students, teaching/learning styles, and their personal reactions to the classroom setting. Placements for LBST 20 will be in a classroom setting different from placements for LBST-10 so students may obtain maximum variety of experience. This course is intended for students who plan to teach in the K-8 levels; the course is required of students in their second year of the CSU Stanislaus Liberal Studies Program. Students must provide own transportation to off-campus school sites. Note: Fingerprint clearance and TB clearance are required. Students must dress appropriately as recommended by off-campus school sites. Observation placements are required for class and will not be available for students with felony convictions. Insufficient observation exposure will negatively affect grades.

Online 22024
Pimentel, M Online
Comments: Section 22024 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: .

Previously taken ENGL-85A or ENGL-85AC is advised. This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty hours (60) of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

Merced Campus 23157
Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 60 volunteer or 75 paid hours.

23158
Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 120 volunteer or 150 paid hours.

23159
Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 180 volunteer or 225 paid hours.

23160
Pimentel, M
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 240 volunteer or 300 paid hours.

Los Banos Campus 73016
Cates, K
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 60 volunteer or 75 paid hours.

73018
Cates, K
Comments: This class has a required orientation. Please visit...
this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registered for LBST 24, Work Experience in Liberal Studies, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students majoring in Liberal Studies (Teacher Preparation) and whose work is related to the Liberal Studies major. This course requires completion of 180 volunteer or 225 paid hours.

73020

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

**LBST-30  Children’s Literature**

3.0 units: 54.0 hours lec.

Prerequisite: “Required” Take ENGL-01A Minimum grade C,P;
This course is designed for prospective and current teachers who wish to acquire in-depth knowledge about the selection and use of children's literature in the K-8 classroom. The students will explore school district policies regarding literature selection and different genres, including, but not limited to, culturally diverse graphic novels, picture and story books, folklore and fables, young adult literature, non-fiction such as biographies, math and science materials. Students will analyze literature for structural and organizational features.

**Online**

22030

Pimentel, M Online

Comments: Section 22030 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.

Previously taken ENGL-85A ANDL-85AC or ENGL-85E is advised. This introductory management course gives an overview of the management function and its role in organizations. It is designed to provide the fundamentals of management theories. This course will focus on the management concepts of planning, ethics, motivation, communication and leading.

**Online**

32168

Casey, R Online

Comments: Section 32168 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.

Previously taken AOM-30 and ENGL-85A ENGL-85AC or ENGL-85E 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**

32011

Pistoresi, J Online

Comments: Section 32011 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**

39714

Pistoresi, P Online

Comments: Section 39714 will be offered 12/02/21 to 12/16/21. Section 39714 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.

**Merced Off-Campus**

39713

Th 01:00p-05:15p Pistoresi, P BRC-123

Comments: Section 39713 is held 12/02/21 and 12/09/21. This class may have a web component which requires internet access.

39732

Th 08:00a-12:15p Pistoresi, P BRC-123

Comments: Section 39732 will be offered 12/02/21 and 12/09/21. This class may have a web component which requires internet access.

**MGMT-50C  Time Management**

0.5 units: 9.0 hours lec.

This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Emphasis will be placed on how to prioritize, identifying time wasters, and goal setting. Pass/No Pass only.

**Online**

32909

Pistoresi, J Online

Comments: Section 32909 is held 10/19/21 to 11/02/21. Section 32909 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**

39109

T 05:30p-08:20p Morse, J VOC-141

Comments: Section 39109 is held 10/19/21 to 11/02/21. This class may have a web component which requires internet access.

**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**

32906

Pistoresi, J Online

Comments: Section 32906 is held 08/17/21 to 08/31/21. Section 32906 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**

39106

T 05:30p-08:20p Morse, J VOC-141
<table>
<thead>
<tr>
<th>Class Code</th>
<th>Type</th>
<th>Title</th>
<th>Instructor</th>
<th>Location</th>
<th>Credits</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT-50H</td>
<td>Customer Service</td>
<td>0.5 units: 9.0 hours lec.</td>
<td>Pistoresi, J</td>
<td>Online</td>
<td>Online</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>MGMT-50N</td>
<td>Employee Engagement</td>
<td>0.5 units: 9.0 hours lec.</td>
<td>Pistoresi, J</td>
<td>Online</td>
<td>Online</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>MGMT-50S</td>
<td>Leading With Your Strengths</td>
<td>0.5 units: 9.0 hours lec.</td>
<td>Pistoresi, J</td>
<td>Online</td>
<td>Online</td>
<td></td>
<td>This course will help students understand their unique strengths and how applying their Strengths can give them their best opportunity for success. Through the CliftonStrengthsfinder assessment, students will learn strategies to apply their Strengths in the workplace and in everyday life. Students will also learn how to recognize the Strengths of others and how to apply this knowledge to help teams work effectively together. Pass/No Pass only.</td>
</tr>
<tr>
<td>MGMT-50K</td>
<td>Generational Diversity: Managing Cross Generational Teams</td>
<td>0.5 units: 9.0 hours lec.</td>
<td>Pistoresi, J</td>
<td>Online</td>
<td>Online</td>
<td></td>
<td>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.</td>
</tr>
</tbody>
</table>

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
MGMT-50U Unconscious Bias Reduction in Workplace And Community
0.5 units: 9.0 hours lec.
This course investigates the attitudes and behaviors formed around unconscious bias. Unconscious bias affects human understanding and decisions in an implicit manner. Students will study various forms of bias including gender, racial, and occupational bias. They will look at the influence of diversity, culture and the significance of ingroup, out group, privilege and equity. Emphasis is placed on creating connection in organizations and communities through research and diverse conversations.

Online
39704 Cochran, N Online Comments: Section 39704 will be offered 09/23/21 to 10/07/21. Section 39704 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: nicole.cochran@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.05B

Merced Off-Campus
39703 Th 08:00a-12:15p Cochran, N BRC-122 Comments: Section 39703 will be offered 09/23/21 and 09/30/21. This class may have a web component which requires internet access.

MGMT-51C Leadership Essentials: What Emerging Leaders Need to Know
0.5 units: 9.0 hours lec.
This course is designed to acquaint the student with the essential things new and emerging leaders need to know. The roles, functions and responsibilities of a leader will be examined, as well as professionalism, coaching and mentoring. Pass/No Pass only.

Online
39710 Pistoiresi, J Online Comments: Section 39710 will be offered 10/07/21 to 10/21/21. Section 39710 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
39709 Th 01:00p-05:15p Pistoiresi, J BRC-122 Comments: Section 39709 will be offered 10/07/21 and 10/14/21. This class may have a web component which requires internet access.

39730 Th 08:00a-12:15p Pistoiresi, J BRC-122 Comments: Section 39730 will be offered 10/07/21 and 10/14/21. This class may have a web component which requires internet access.

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
39702 Pistoiresi, J Online Comments: Section 39702 will be offered 08/19/21 to 09/21/21. Section 39702 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
39701 Th 08:00a-12:15p Pistoiresi, J BRC-122 Comments: Section 39701 will be offered 08/19/21 and 08/26/21. This class may have a web component which requires internet access.

MGMT-51G Stress Management
0.5 units: 9.0 hours lec.
This course is designed to acquaint the participant with key elements of stress management. Topics will include the recognition of stress, causes of stress, and the benefits of stress management. Various stress management techniques will be covered. Pass/No Pass only.

Online
32910 Pistoiresi, J Online Comments: Section 32910 is held 11/09/21 to 11/23/21. Section 32910 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
39110 T 05:30p-08:20p Morse, J VOC-141 Comments: Section 39110 is held 11/09/21 to 11/23/21. This class may have 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
39722 Pistoiresi, J Online Comments: Section 39722 will be offered 12/01/21 to 12/15/21. Section 39722 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
39721 W 01:00p-05:15p Pistoiresi, J BRC-122 Comments: Section 39721 will be offered 12/01/21 and 12/08/21. This class may have a web component which requires internet access.

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
39720 Hobbs, J Online Comments: Section 39720 will be offered 10/20/21 to 11/03/21. Section 39720 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.
MKTG-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
39718 Pistoresi, J Online
Comments: Section 39718 will be offered 09/22/21 to 10/06/21. Section 39718 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.

ClASSES

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
39716 Pistoresi, J Online
Comments: Section 39716 will be offered 08/18/21 to 09/01/21. Section 39716 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.

Marketing (MKTG)

MKTG-30 Principles of Marketing
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A or ENGL-85AC and BUS-10 is advised. This course provides a broad understanding of the promoting, pricing, and distribution of products and services. Promotional mixes are studied including sales promotion, advertising, packaging, personal selling, public relations, and publicity. A study is made of understanding customer needs and behaviors; developing a product and/or service mix to satisfy customer needs, and profitability. Legal, political, cultural, social, economic, competitive, and ethical aspects of marketing are discussed.

Online
32718 Skunca, J Online
Comments: Section 32718 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: joshua.skunca@mccd.edu for 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-85A ENGL-85AC or ENGL-85E is advised. This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

Online
12004 Meidinger, M Online
Comments: Section 12004 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meidinger.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.

12005 Mitchell, P Online
Comments: Section 12005 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.

12024 Meidinger, M Online
Comments: Section 12024 requires students to register for MATH-95P-12025 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: meidinger.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.

12026 Sutterfield, M Online
Comments: Section 12026 requires students to register for MATH-95P-12027 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.sutterfield@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

12028 Albert, M Online
Comments: Section 12028 requires students to register for MATH-95P-12029 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.

12046 Sutterfield, M Online
Comments: Section 12046 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.sutterfield@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

12092 Mendoza, K Online
Comments: Section 12092 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: kimberly.mendoza@mccd.edu for 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
12006 Albert, M Online
Comments: Section 12006 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.

12007 Albert, M Online
Comments: Section 12007 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.

12008 Reali, J Online
Comments: Section 12008 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
12009 Mitchell, P Online
Comments: Section 12009 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.

12010 Mitchell, P Online
Comments: Section 12010 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.

12011 Mitchell, P Online
Comments: Section 12011 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.

72176 Shumaker, N Online
Comments: Section 72176 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-85A ENGL-85AC or ENGL-85E is advised.
This course covers vectors and solid analytic geometry, vector-valued functions, partial differentiation, multiple integrals, and topics in vector calculus including Green’s and Stokes theorems.

Online
12701  Saad, B  Online
Comments: Section 12701 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.

72178  Shumaker, N  Online
Comments: Section 72178 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
10005  Reali, J  IAC-139
W  09:00a-09:50a  Reali, J  IAC-139
Comments: CONTACT: jofawna.reali@mccd.edu IN-CLASS SESSIONS: Lecture; Wednesdays: 09:00a-09:50a; IAC-139. COMMENTS: 3 additional lecture hours per week will be held online. Section 10005 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-85A ENGL-85AC or ENGL-85E and MATH-08 is advised.
This course is an introduction to ordinary differential equations (ODEs), including analytical, graphical and numerical methods, as well as a variety of modeling applications. It introduces both theoretical and practical considerations, including definitions, existence and uniqueness of solutions, techniques for solving first-order ODEs and higher-order linear ODEs, series solutions and singular points for linear differential equations, Laplace transforms, homogeneous versus nonhomogeneous equations, linear systems, and numerical methods.

Online
12702  Saad, B  Online
Comments: Section 12702 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.

MATH-07  Discrete Structures
3.0 units: 45.0 hours lec, 27.0 hours lab.
Prerequisite: *Required* Take CPSC-06 or CPSC-14 or ENGR-14; Take MATH-04A; Minimum Grade C, P;
This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: functions and recursion, relations and sets; basic logic; proof techniques; basics of counting; graphs and trees; and discrete probability.

Online
12116  Hogan, G  Online
Comments: Section 12116 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: gregory.hogan@mccd.edu for 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-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
10003  Swenson, D  OUTD-2
MWF  08:00a-08:50a
Comments: This class may have a web component which requires internet access.

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-85A ENGL-85AC or ENGL-85E is advised.
This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.

Online
10012  Montoya, J  Online
Comments: Section 10012 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.

12012  Clark, J  Online
Comments: Section 12012 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.

12013  Brooke, B  Online
Comments: Section 12013 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brooke.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.

12014  Brooke, B  Online
Comments: Section 12014 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: brooke.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.

12015  Saad, B  Online
Comments: Section 12015 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: bassem.saad@mccd.edu for course-specific
<table>
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<tr>
<th>Course Code</th>
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<th>Type</th>
<th>Details</th>
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<td>12016</td>
<td>Bruley, M</td>
<td>Online</td>
<td>Comments: Section 12016 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:bruley.m@mccd.edu">bruley.m@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12030</td>
<td>Albert, M</td>
<td>Online</td>
<td>Comments: Section 12030 requires students to register for MATH-95S-12031 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12032</td>
<td>Albert, M</td>
<td>Online</td>
<td>Comments: Section 12032 requires students to register for MATH-95S-12033 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12034</td>
<td>Rieg, K</td>
<td>Online</td>
<td>Comments: Section 12034 requires students to register for MATH-95S-12035 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:kristen.rieg@mccd.edu">kristen.rieg@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12036</td>
<td>Rieg, K</td>
<td>Online</td>
<td>Comments: Section 12036 requires students to register for MATH-95S-12037 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:kristen.rieg@mccd.edu">kristen.rieg@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12038</td>
<td>Diaz, L</td>
<td>Online</td>
<td>Comments: Section 12038 requires students to register for MATH-95S-12039 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:lisa.diaz@mccd.edu">lisa.diaz@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12047</td>
<td>Dawson, C</td>
<td>Online</td>
<td>Comments: Section 12047 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:dawson.c@mccd.edu">dawson.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12096</td>
<td>Dawson, C</td>
<td>Online</td>
<td>Comments: Section 12096 requires students to register for MATH-95S-12097 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:dawson.c@mccd.edu">dawson.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12098</td>
<td>Dawson, C</td>
<td>Online</td>
<td>Comments: Section 12098 requires students to register for MATH-95S-12104 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:dawson.c@mccd.edu">dawson.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12099</td>
<td>Dawson, C</td>
<td>Online</td>
<td>Comments: Section 12099 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:dawson.c@mccd.edu">dawson.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12100</td>
<td>Yang, C</td>
<td>Online</td>
<td>Comments: Section 12100 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:cher.yang@mccd.edu">cher.yang@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12101</td>
<td>Yang, C</td>
<td>Online</td>
<td>Comments: Section 12101 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:cher.yang@mccd.edu">cher.yang@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12102</td>
<td>Yang, C</td>
<td>Online</td>
<td>Comments: Section 12102 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:cher.yang@mccd.edu">cher.yang@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12105</td>
<td>Martrous, B</td>
<td>Online</td>
<td>Comments: Section 12105 requires students to register for MATH-95S-12106 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:bernadet.martrous@mccd.edu">bernadet.martrous@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>12801</td>
<td>Diaz, L</td>
<td>Online</td>
<td>Comments: Section 12801 will be held from 10/18/21 to 12/17/21 and requires students to register for MATH-95S-12802 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:lisa.diaz@mccd.edu">lisa.diaz@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>12805</td>
<td>Swenson, D</td>
<td>Online</td>
<td>Comments: Section 12805 is held from 09/13/21 to 12/17/21 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:daniel.swenson@mccd.edu">daniel.swenson@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>72164</td>
<td>Schlinger, C</td>
<td>Online</td>
<td>Courses with this icon have course materials that are free of charge and therefore not required to be purchased.</td>
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Comments: Section 72164 requires students to register for MATH-95S-72182 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: schlinger.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.

72166
Schlinger, C Online
Comments: Section 72166 requires students to register for MATH-95S-72184 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: schlinger.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.

72804
Schlinger, C Online
Comments: Section 72804 requires students to register for MATH-95S-72806 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: schlinger.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.

72822
Schlinger, C Online
Comments: Section 72822 requires students to register for MATH-95S-72824 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: schlinger.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.

72830
Geyer, J Online
Comments: Section 72830 requires students to register for MATH-95S-72832 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jason.geyer@mccd.edu for 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
10009 - Bruley, M
M 01:00p-01:50p Bruley, M OUTD-5
Comments: CONTACT: bruley.m@mccd.edu IN-CLASS SESSIONS: Lec; Mondays; 01:00p-01:50p; OUTD-5. COMMENTS: 2 Lecture hours per week will be held online. Section 10009 has a web component requiring internet access; additional fees may apply.

10013 TTh 02:00p-03:15p Malekzadeh, B LESH-111
Comments: This class may have a web component which requires internet access.

10014 TTh 12:30p-01:45p Malekzadeh, B LESH-111
Comments: This class may have a web component which requires internet access.

10016 TTh 08:00a-09:15a Swenson, D OUTD-1
Comments: This class may have a web component which requires internet access.

19002 MWF 10:00a-11:30a SCI-204
Comments: Section 19002 is held from 10/11/21 to 12/17/21. This class may have a web component which requires internet access.

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-85A ENGL-85AC or ENGL-85E is advised.
This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability. This course includes applications to business, economics, psychology, and sociology.

Online
12017 Diaz, L Online
Comments: Section 12017 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.

12048 Diaz, L Online
Comments: Section 12048 requires students to register for MATH-95F-12049 and 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.

Merced Campus
12705 - Navarro, I
T 02:00p-03:50p OUTD-4
Comments: CONTACT: ivan.navarro@mccd.edu ORIENTATION: MANDATORY - August 17, 2021; 02:00p-03:50p; OUTD-4. IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - September 21, 2021; 02:00p-03:50p; OUTD-4. MANDATORY - Mid-Term #2 - October 19, 2021; 02:00p-03:50p; OUTD-4. MANDATORY - Mid-Term #3 - November 16, 2021; 02:00p-03:50p; OUTD-4. MANDATORY - Final Exam - December 14, 2021; 02:00p-03:50p; OUTD-4. COMMENTS: Lecture will be held primarily online with mandatory orientation, mid-term(s), and final exam to be held on-campus as noted above. Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

16006 TTh 03:30p-04:45p Malekzadeh, B LESH-111
Comments: This class may have a web component which requires internet access.

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-85A ENGL-85AC or ENGL-85E is advised.
This course is designed to complete the first course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. It covers elementary set theory, numeration systems, number theory, the set of integers, the set of rational numbers, and the set of real numbers.

Online
12018 Mohan, R Online
Comments: Section 12018 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.

12019 Mohan, R Online
Comments: Section 12019 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.

12020 Mohan, R Online
Comments: Section 12020 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
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-85A ENGL-85AC or ENGL-85E and MATH-20A is advised.
This course is designed to complete the second course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. This course covers the structure of plane and solid geometry, measurement, introduction to coordinate geometry, elementary probability, and statistics.

Online

12117

Comments: Section 12117 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) 381-6655.

12118

Comments: Section 12118 requires students to register for MATH-95B-12119 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) 381-6655.

12120

Comments: Section 12120 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) 381-6655.

72172

Saad, B

Comments: Section 72172 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) 381-6655.

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-83E ENGL-85A ENGL-85AC or ENGL-85E is advised.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

Online

12040

Sutterfield, M

Comments: Section 12040 requires students to register for MATH-95T-12041 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: mark.sutterfield@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6655.

12042

Saad, B

Comments: Section 12042 requires students to register for MATH-95T-12073 and 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) 381-6655.

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-85A ENGL-85AC or ENGL-85E is advised.
This is a college level course in algebra for majors in the Liberal Arts. The course will cover topics on functions, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions. Solving various types of equations, linear systems, and their applications for problem solving will also be discussed.
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
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**

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<th>Time</th>
<th>Number</th>
<th>Notes</th>
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<td>MATH-95A</td>
<td>Bruley, M</td>
<td>Merced</td>
<td>W</td>
<td>01:00p-01:50p</td>
<td>12714</td>
<td>CONTACT: <a href="mailto:bruley.m@mccd.edu">bruley.m@mccd.edu</a> IN-CLASS SESSIONS: Lab; Wednesdays; 01:00p-01:50p; OUTD-5. COMMENTS: 1 Lab hour per week will be held online and requires students to register for MATH-26-12713. Section 12714 has a web component requiring internet access; additional fees may apply.</td>
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<tr>
<td>MATH-95B</td>
<td>Geyer, J</td>
<td>Merced</td>
<td>TTh</td>
<td>08:00a-09:15a</td>
<td>72158</td>
<td>Comments: Section 72158 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:jason.geyer@mccd.edu">jason.geyer@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td>MATH-95C</td>
<td>Albert, M</td>
<td>Los Banos</td>
<td>F</td>
<td>10:00a-12:50p</td>
<td>74410</td>
<td>Comments: Section 74410 requires students to register for MATH-02-74410 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**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.

**Online**

<table>
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<tr>
<th>Course Code</th>
<th>Instructor</th>
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<td>MATH-95F</td>
<td>Diaz, L</td>
<td>Online</td>
<td></td>
<td></td>
<td>12049</td>
<td>Comments: Section 12049 requires students to register for MATH-15-12048 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:lisa.diaz@mccd.edu">lisa.diaz@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
</tr>
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</table>

**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**

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<th>Course Code</th>
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<tr>
<td>MATH-95P</td>
<td>Meidinger, M</td>
<td>Online</td>
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<td>12025</td>
<td>Comments: Section 12025 requires students to register for MATH-02-12024 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:meidinger.m@mccd.edu">meidinger.m@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td></td>
<td>Sutterfield, M</td>
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<td></td>
<td></td>
<td>12027</td>
<td>Comments: Section 12027 requires students to register for MATH-02-12026 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:mark.sutterfield@mccd.edu">mark.sutterfield@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<td></td>
<td>Albert, M</td>
<td>Online</td>
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<td>12029</td>
<td>Comments: Section 12029 requires students to register for MATH-02-12028 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
</tr>
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</table>

**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

**12031**

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Online</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>Albert, M</td>
<td>MATH-10-12030</td>
<td>Online</td>
<td>Section 12031 requires students to register for MATH-10-12030 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:maria.albert@mccd.edu">maria.albert@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**12033**

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<tbody>
<tr>
<td>Albert, M</td>
<td>MATH-10-12032</td>
<td>Online</td>
<td>Section 12033 requires students to register for MATH-10-12032 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:kristen.rieg@mccd.edu">kristen.rieg@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**12035**

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<tr>
<td>Rieg, K</td>
<td>MATH-10-12034</td>
<td>Online</td>
<td>Section 12035 requires students to register for MATH-10-12034 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:kristen.rieg@mccd.edu">kristen.rieg@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**12037**

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<tbody>
<tr>
<td>Rieg, K</td>
<td>MATH-10-12036</td>
<td>Online</td>
<td>Section 12037 requires students to register for MATH-10-12036 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:kristen.rieg@mccd.edu">kristen.rieg@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**12039**

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<tbody>
<tr>
<td>Diaz, L</td>
<td>MATH-10-12038</td>
<td>Online</td>
<td>Section 12039 requires students to register for MATH-10-12038 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:lisa.diaz@mccd.edu">lisa.diaz@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**12095**

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<tr>
<td>Martrous, B</td>
<td>MATH-10-12094</td>
<td>Online</td>
<td>Section 12095 requires students to register for MATH-10-12094 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:bernadet.martrous@mccd.edu">bernadet.martrous@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>Dawson, C</td>
<td>MATH-10-12096</td>
<td>Online</td>
<td>Section 12097 requires students to register for MATH-10-12096 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:dawson.c@mccd.edu">dawson.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**12104**

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<td>Dawson, C</td>
<td>MATH-10-12098</td>
<td>Online</td>
<td>Section 12104 requires students to register for MATH-10-12098 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:dawson.c@mccd.edu">dawson.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**12106**

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<tr>
<td>Martrous, B</td>
<td>MATH-10-12105</td>
<td>Online</td>
<td>Section 12106 requires students to register for MATH-10-12105 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:bernadet.martrous@mccd.edu">bernadet.martrous@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>Diaz, L</td>
<td>MATH-10-12801</td>
<td>Online</td>
<td>Section 12802 will be held from 10/18/21 to 12/17/21 and requires students to register for MATH-10-12801 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:lisa.diaz@mccd.edu">lisa.diaz@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**72182**

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<tr>
<td>Schlinger, C</td>
<td>MATH-10-72164</td>
<td>Online</td>
<td>Section 72182 requires students to register for MATH-10-72164 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:schlinger.c@mccd.edu">schlinger.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tr>
<td>Schlinger, C</td>
<td>MATH-10-72804</td>
<td>Online</td>
<td>Section 72184 requires students to register for MATH-10-72804 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:schlinger.c@mccd.edu">schlinger.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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**72824**

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<tbody>
<tr>
<td>Schlinger, C</td>
<td>MATH-10-72822</td>
<td>Online</td>
<td>Section 72824 requires students to register for MATH-10-72822 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:schlinger.c@mccd.edu">schlinger.c@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tbody>
<tr>
<td>Geyer, J</td>
<td>MATH-10-72830</td>
<td>Online</td>
<td>Section 72832 requires students to register for MATH-10-72830 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:jason.geyer@mccd.edu">jason.geyer@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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### 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.

**Online**

**12041**

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<tr>
<td>Sutterfield, M</td>
<td>MATH-25-12040</td>
<td>Online</td>
<td>Section 12041 requires students to register for MATH-25-12040 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:mark.sutterfield@mccd.edu">mark.sutterfield@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
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<tbody>
<tr>
<td>Sutterfield, M</td>
<td>MATH-25-12044</td>
<td>Online</td>
<td>Section 12045 requires students to register for MATH-25-12044 and will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: <a href="mailto:mark.sutterfield@mccd.edu">mark.sutterfield@mccd.edu</a> for course-specific questions. For additional information and technical assistance to log into online classes, contact <a href="http://www.mccd.edu/myhelp/">www.mccd.edu/myhelp/</a> or call (209) 381-6565.</td>
</tr>
</tbody>
</table>
to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

12703 Saad, B Online
Comments: Section 12703 requires students to register for MATH-25-12042 and 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.

MATH-C Intermediate Algebra
4.0 units: 72.0 hours lec.
Prerequisites: *Required* Take MATH-A or MATH-81. Minimum grade C-P.
*Advised* Previously taken ENGL-85A or ENGL-85AC is advised.
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

Online
12023 Montoya, J Online
Comments: Section 12023 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.

12127 Montoya, J Online
Comments: Section 12127 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.

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.

MAT-103 College Prep Math III: Operations on Fractions
0.0 units: .
This course begins with a short review of the whole number system, exponent, and the order of operations. the course covers the meaning of fractions, and the four basic operations using them: addition, subtraction, multiplication, and division. Special emphasis will be placed on thought problems, including life skills. The course will conclude with an introduction to ratios, rates, and proportions.

Online
95064 Bell, S Online
Comments: 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 Bell, S Online
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-12 Agriculture Equipment - Fall
3.0 units: 36.0 hours lec.
54.0 hours lab. 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
31844 F 08:00a-09:50a Donovan, T MA-1
31913 F 10:00a-12:50p Donovan, T MA-2
Comments: Web Component which requires you to have internet access.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
MECH-15 Small Engine Repair/Maintenance
3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.
This course is a complete introduction to the operation, construction, maintenance, repair, and adjustment of two-cycle and four-cycle engines. It is designed for persons without prior experience in small engines. Theory and practical work including safety and the care and use of specialized tools used in small engine repair and maintenance will be covered. Examples of types of engines to be used will include lawn mower, power saw, pump, conveyor, self-propelled small carts, and any other small engines.

Merced Campus
39042 W 05:10p-07:00p Ornelas, R MA-1
W 07:10p-10:00p Ornelas, R MA-2
Comments: Web Component which requires you to have internet access.

MECH-21 Hydraulics
3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-85AC and MATH-80 is advised
This is an introduction to the principles of hydraulics applied to farm and light industrial equipment. The course includes a study of the technical language of fluid power, including graphical symbols, industrial standards, components, and maintenance of hydraulic units.

Merced Campus
39099 MTWTh 01:00p-02:20p Donovan, T MA-1
MTWTh 02:30p-04:50p Donovan, T MA-2
Comments: Section 39099 is held from 10/25/21 to 12/02/21.
This is a Learning Community with MECH-12-31913, MECH-21-39099, MECH-22A-39100, MECH-26-39102, MECH-30-39097 and MECH-33-39098. Web Component which requires you to have internet access.

39400 MTWTh 01:00p-02:20p Donovan, T MA-1
MTWTh 02:30p-04:50p Donovan, T MA-2
Comments: Section 39400 is held from 10/25/21 to 12/02/21.
Web Component which requires you to have internet access.

MECH-22A Diesel Engines
4.0 units: 36.0 hours lec, 108.0 hours lab. Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.
This course explores the operation and repair of modern diesel engines. Principles and theories are studied by operating, testing, diagnosing, disassembling and reassembling diesel engines and their components.

Merced Campus
39100 MTWTh 08:00a-08:50a Ornelas, R MA-1
MTWTh 09:00a-11:50a Ornelas, R MA-2
Comments: Section 39100 is held from 09/20/21 to 11/18/21.
This is a Learning Community with MECH-12-31913, MECH-21-39099, MECH-22A-39100, MECH-26-39102, MECH-30-39097 and MECH-33-39098. Web Component which requires you to have internet access.

39401 MTWTh 08:00a-08:50a Ornelas, R MA-1
MTWTh 09:00a-11:50a Ornelas, R MA-2
Comments: Section 39401 is held from 09/20/21 to 11/18/21.
Web Component which requires you to have internet access.

MECH-26 Power Equipment Electrical Systems
3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-85 and MATH-80 is advised
This course is a study of the fundamentals of electricity with applications to current power equipment electrical systems. Theory and service procedures will include the following systems: starting, charging, lighting, and accessories.

Merced Campus
39102 MTWTh 01:00p-02:25p Donovan, T MA-1

MECH-30 Equipment Mechanics Skills
2.0 units: 18.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.
This course is an introduction to skills and safety required within the Diesel Mechanics and Mechanized Agriculture areas. The course will include identification and use of hand tools and power equipment used within the equipment mechanic area. Emphasis will be placed on precision measuring and use of the following equipment: hydraulic press, pullers, cleaners, hoists, jacks, securing, dynamometers, valve grinders, boring machines, sharpening tools, reamers, hones, glass bead machine, boil out tank, forklifts, and other specialty tools. An in-depth study will also occur on fasteners and plumbing used within the equipment mechanic area.

Merced Campus
39097 MTWTh 08:00a-08:50a Ornelas, R MA-1
MTWTh 09:00a-11:50a Ornelas, R MA-2
Comments: Section 39097 is held from 08/20/21 to 09/14/21.
This is a Learning Community with MECH-12-31913, MECH-21-39099, MECH-22A-39100, MECH-26-39102, MECH-30-39097 and MECH-33-39098. Web Component which requires you to have internet access.

39403 MTWTh 08:00a-08:50a Ornelas, R MA-1
MTWTh 09:00a-11:50a Ornelas, R MA-2
Comments: Section 39403 is held from 08/16/21 to 09/14/21.
Web Component which requires you to have internet access.

MECH-31 Equipment Safety
1.0 units: 18.0 hours lec. Previously taken ENGL-85E ENGL-85AC or ENGL-85E and MATH-80 is advised.
This course is a study of safety on and about farm equipment and machines. The safe operation and daily maintenance of machines commonly used in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills. The safety rules and laws that apply to agriculture equipment will be stressed.

Merced Campus
39081 F 01:00p-05:15p Ornelas, R MA-1
Comments: Section 39081 is held from 09/17/21 to 10/08/21.
Web Component which requires you to have internet access.

39096 F 01:00p-05:15p Ornelas, R MA-1
Comments: Section 39096 is held from 08/20/21 to 09/10/21.
Web Component which requires you to have internet access.

MECH-33 Power Equipment Air Conditioning
2.0 units: 18.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A ENGL-85AC or ENGL-85E and MATH-80 is advised.
This is a study of power equipment air conditioning fundamentals designed to give the student knowledge and competencies in modern power equipment HVAC systems. Current EPA regulations that govern retrofit as well as the use of refrigerant installation, diagnostic, and recycling equipment are also covered. Environmental impacts by various protection procedures are emphasized.

Merced Campus
39098 MTWTh 01:00p-01:50p Donovan, T MA-1
MTWTh 02:00p-05:05p Donovan, T MA-2
Comments: Section 39098 is held from 09/27/21 to 10/21/21.
This is a Learning Community with MECH-12-31913, MECH-
MUSA-21A Voice I

3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.
Limitation on Enrollment: Must demonstrate the ability to match pitch; see instructor. This is a course in elementary voice training. It emphasizes posture, diaphragmatic-intercostals breathing, breath support, breath control, tonal placement, articulation, stage presence, and overcoming performance anxiety. Critical evaluation, demonstration, and written reviews will be required. A basic understanding of music fundamentals, although not required, would be highly desirable.

Online

Comments: Section 52817 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.

MUSA-25A Guitar I

3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.
Limitation on Enrollment: This course is an introduction to the basic playing techniques, theory, and history of the guitar. Students will develop an essential foundation for playing the guitar while surveying its historical development and various stylistic uses in artistic, folk, and popular music.

Online

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

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-85A ENGL-85AC or ENGL-85E is advised.
Limitation on Enrollment: This course is a continuation of MUS-27A. It is the second semester of class piano studies. The student will perform musical pieces with greater accuracy and musical expression.

Online

Comments: Section 51140 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.

MUSA-27A Class Piano I

3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.
Limitation on Enrollment: This course is designed for the beginning piano student with little or no background in piano. It is designed to develop sight reading skill and keyboard technique incorporated into solo and ensemble music.

Online

Comments: This class may have a web component which requires internet access.
MUSG-10 Music Fundamentals  
3.0 units: 54.0 hours lec.  
Previously taken ENGL-84A is advised.

This course is a study of music fundamentals, including principles and procedures of rhythm and pitch notation, musical symbols, scales, key signatures, intervals, diatonic chords. The course applies to musicians of the literature and particular performance practices historically applicable. An emphasis will be made on literature written or arranged for large vocal ensembles. Emphasis includes part-singing, intonation, breath control, vocal development, blend, tone coloring, and choral balance. The Chorale performs several times throughout the year. This course may be repeated three times.

Online  
51149 Simon, A Online  
Comments: Section 51149 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-13 Jazz Music History  
3.0 units: 54.0 hours lec.

Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course presents the history of jazz music from 1890 to present, including an introduction and analysis of major jazz artists and their contributions to this American art form. Special emphasis will be given to developing listening skills appropriate to the understanding and appreciation of jazz. International influences and the development of jazz as a world musical form will be discussed. This course is a listener’s guide to the appreciation of jazz and incorporates principles of structure, expression, instrumentation, cultural and social issues integral to jazz music.

Online  
52044 Taylor, K Online  
Comments: Section 52044 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Ken.taylor@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

MUSE-44 Chorale  
1.0 units: 54.0 hours lab.

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

Online  
51141 Simon, A Online  
Comments: Section 51141 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.

Music: General (MUSG)

MUSG-14 American Popular Music History  
3.0 units: 54.0 hours lec.

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  
52045 Doiel, M Online  
Comments: Section 52045 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52046 Simon, A Online  
Comments: Section 52046 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52047 Dahman, N Online  
Comments: Section 52047 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: Nathaniell.dahman@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52048 Taylor, K Online  
Comments: Section 52048 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: Ken.taylor@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52812 Keane, F Online
## MUSC-10 Music Theory I (Diatonic Harmony)

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>51155</td>
<td>MWF</td>
<td>11:00a-11:50a</td>
<td>Simon, A</td>
<td>OUTD-5</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Take MUSG-10; Minimum grade C,P; 1.0 units: 9.0 hours lec, 27.0 hours lab. Previously taken MUSG-10 is advised.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: alexander.simon@mccd.edu for course-specific questions.

## MUSC-06 Music Theory II (harmonic Theory)

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>51156</td>
<td>MWF</td>
<td>11:00a-11:50a</td>
<td>Simon, A</td>
<td>OUTD-5</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Take MUSG-10; Minimum grade C,P; 1.0 units: 9.0 hours lec, 27.0 hours lab. Previously taken MUSC-10 is advised.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: alexander.simon@mccd.edu for course-specific questions.

## MUSC-07 Aural Skills III

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>51158</td>
<td>MWF</td>
<td>09:00a-09:50a</td>
<td>Simon, A</td>
<td>OUTD-5</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Take MUST-06; Minimum Grade C,P; 1.0 units: 9.0 hours lec, 27.0 hours lab.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: alexander.simon@mccd.edu for course-specific questions.

## MUSC-10 Nutrition

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>32511</td>
<td>MWF</td>
<td>11:00a-12:15p</td>
<td>Hobbs, J</td>
<td>CLS-CLS</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Take MATH-80; Minimum grade C,P; 3.0 units: 54.0 hours lec. Previously taken MATH-80 is advised.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: jennifer.hobbs@mccd.edu for course-specific questions.

## MUSC-04A/04B Music Theory for Popular Musicians

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>32442</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Pecchenino, M</td>
<td>OUTD-5</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Take MUST-03; Minimum grade C,P; 1.0 units: 9.0 hours lec, 27.0 hours lab. Previously taken MUSC-04A or MUSC-04B is advisable.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: jennifer.hobbs@mccd.edu for course-specific questions.

## MUSC-05 Aural Skills I

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>209.384.6000</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Simon, A</td>
<td>OUTD-5</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Take MUSC-10; Minimum grade C,P; 1.0 units: 9.0 hours lec, 27.0 hours lab. Previously taken MUSC-02 is advised.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: alexander.simon@mccd.edu for course-specific questions.

## MUSC-03 Music Theory III (chromatic Harmony)

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>32520</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Hobbs, J</td>
<td>OUTD-5</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Previously taken MUSC-03 and passed with a minimum grade of C or received equivalent.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: jennifer.hobbs@mccd.edu for course-specific questions.

## MUSC-27B Music Literature III

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>32710</td>
<td>MWF</td>
<td>10:00a-10:50a</td>
<td>Hobbs, J</td>
<td>OUTD-5</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Previously taken MUSA-27A.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: jennifer.hobbs@mccd.edu for course-specific questions.

## MUSC-10 Nutrition

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>32942</td>
<td>MWF</td>
<td>11:00a-12:15p</td>
<td>Pecchenino, M</td>
<td>CLS-CLS</td>
</tr>
</tbody>
</table>

Prerequisite: *Required* Take MATH-80; Minimum grade C,P; 3.0 units: 54.0 hours lec. Previously taken MATH-80 is advised.

### Comments
- For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
- This class may have a web component which requires internet access; additional fees may apply.
- Contact: jennifer.hobbs@mccd.edu for course-specific questions.
NUTR-20 Principles of Foods
3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-01A MATH-91 and NUTR-44 is advised.

This course will study the application of food science principles with emphasis on ingredient function and interaction, food preparation techniques, sensory evaluation standards, food safety and sanitation, and nutritional values.

Merced Campus
32563  W 09:30a-12:20p Hobbs, J VOC-142
Comments: IN-CLASS SESSIONS: Wednesdays, 09:30a-12:20p; VOC-142. COMMENTS: 2 lecture hours per week will be held online. Section 32563 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) 381-6656.

NUTR-24 Work Experience in Nutrition
1.0 units: .
Previously taken ENGL-85A or ENGL-85AC is advised.
This course enables students to earn college credit for learning or improving skills or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student's major or occupational goal(s).

NUTR-25 Introduction to Nutrition and Food Careers
1.0 units: 18.0 hours lec.

This introductory course will orient students to careers in the culinary, dietetics, food servicemanagement and food science field. An overview of both educational and experiential requirements for professionals as well as ethics will be presented. Students will prepare portfolios, research professional organizations, and nutrition and food information literacy. In addition, students planning on taking field experience and/or volunteer work in the field will complete necessary background checks, locate and complete vaccination records and other additional requirements.

Merced Campus
32930  T 12:00p-12:50p Pecchenino, M VOC-39
Comments: Section 32930 is a Learning Community with NUTR 25-32930, NUTR 40-32764, NUTR 44-32946, and NUTR 50-31148. CONTACT: pecchenino.m@mccd.edu Section 32930 is held 10/18/21 to 12/17/21. INCLASS SESSIONS: Tuesdays, 12:00p - 12:50p; VOC-39. COMMENTS: 1 lecture hour per week to be held online. Section 32930 has a web component requiring internet access; additional fees may apply.

NUTR-40 Food Service Management
3.0 units: 54.0 hours lec.
Previously taken NUTR-45 and ENGL-01A is advised.
This course covers the principles of food service management for a variety of food service operations including childcare, schools, hospitals, eldercare, and restaurants. Emphasis is on food service personnel, communications and business operations.

Merced Campus
NUTR-50  Baking Basics and Business

1.5 units: 18.0 hours lec, 27.0 hours lab.

Previously taken ENGL-01A 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, considering 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

32764  T  05:00p-05:50p  Tassey, E  VOC-39
Comments: Section 32764 is a Learning Community with NUTR 25-32930, NUTR 40-32764, NUTR 44-32946, and NUTR 50-31148. CONTACT: erin.tassey@mccd.edu. INCLASS SESSIONS: Tuesdays, 05:00p - 05:50p; VOC-39. COMMENTS: 2 lecture hours per week to be held online. Section 32764 has a web component requiring internet access; additional fees may apply.

NUTR-44  Food Safety and Sanitation

2.0 units: 36.0 hours lec.

Previously taken ENGL-01A is advised.

This course is designed to teach basics of food safety principles of personal and institutional sanitation. This includes the proper storage, preparation, and service as well as HACCP, food allergies, regulations and pest management. An emphasis is placed on the Supervisor’s role in maintaining high standards for these principles. This course meets the California Retail Food Code requirement section numbers 113947.1 through 113947.6. This course is required by the Dietary Service Supervisor Program and is highly recommended to those interested in working in Food Service industry as well as application to lifelong learning.

NUTR 25-32930, NUTR 40-32764, NUTR 44-32946, and NUTR 50-31148. Section 32946 is held 08/16/21 to 10/15/21. CONTACT: pecchenino.m@mccd.edu. INCLASS SESSIONS: Tuesdays, 12:00p-12:50p; VOC-39. COMMENTS: 1 lecture hour per week will be held online. The ServSafe Manager exam is required for all Nutrition & Foods majors. Exam fee applies. Section 32946 has a web component requiring internet access; additional fees may apply.

Merced Campus

32946  T  12:00p-12:50p  Pecchenino, M  VOC-39 3.0 units: 54.0 hours lec.
Comments: Section 32946 is a Learning Community with NUTR 25-32930, NUTR 40-32764, NUTR 44-32946, and NUTR 50-31148. Section 32946 is held 08/16/21 to 10/15/21. CONTACT: pecchenino.m@mccd.edu. INCLASS SESSIONS: Tuesdays, 12:00p-12:50p; VOC-39. COMMENTS: 1 lecture hour per week will be held online. The ServSafe Manager exam is required for all Nutrition & Foods majors. Exam fee applies. Section 32946 has a web component requiring internet access; additional fees may apply.

Online

32947  T  12:00p-12:50p  Pecchenino, M  VOC-39 0.5 units: 9.0 hours lec.
Comments: Section 32947 is held 08/16/21 to 10/15/21. CONTACT: pecchenino.m@mccd.edu. INCLASS SESSIONS: Tuesdays, 12:00p-12:50p; VOC-39. COMMENTS: 1 lecture hour per week will be held online. The ServSafe Manager exam is required for all Nutrition & Foods majors. Exam fee applies. Section 32946 has a web component requiring internet access; additional fees may apply.

NUTR-45  Introduction to Medical Nutrition Therapy

2.0 units: 36.0 hours lec.

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 especially in health care institutions and recommended for nursing students.

Online

32820  Pecchenino, M  Online
Comments: Section 32820 is held 10/18/21 to 12/17/21. Section 32820 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-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

32720  Hosbs, J  Online
Comments: Section 32720 will be offered 10/20/21 to 11/03/21. Section 32720 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.hosbs@mccd.edu for 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

39723  W  01:00p-05:15p  Hobbs, J  BRC-123
Comments: Section 39723 is held 10/20/21 to 10/27/21. This class may have a web component which requires internet access.

Philosophy (PHIL)

PHIL-01  Introduction to Philosophy

3.0 units: 54.0 hours lec.

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

21131  MWF  10:00a-10:50a  Hallman, M  AHC-124
Comments: This class may have a web component which requires internet access. CONTACT: Hallman.m@mccd.edu

21139  TTh  11:30a-12:15p  Hallman, M  OUTD-2
Comments: This class may have a web component which requires internet access.

26122  W  07:00p-09:50p  LESH-111
Comments: This class may have a web component which requires internet access.

PHIL-03  Ancient Philosophy
PHIL-05 Contemporary Ethical Issues
3.0 units: 54.0 hours lec.
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
21130 MWF 09:00a-09:50a Barnes, L AHC-124
Comments: This class may have a web component which requires internet access.

PHIL-10 Critical Thinking
3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.
This is a practical course in sound and logical reasoning. The focus of this course is to develop the abilities to analyze, to criticize, and to reach reasoned conclusions. This includes the ability to recognize and avoid common fallacies in reasoning, and on constructing cogent arguments and essays.

Online
21134 Alvarez, J Online
Comments: Section 21134 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jaqueline.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.

21136 Rempel, D Online
Comments: Section 21136 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.

21137 Rempel, D Online
Comments: Section 21137 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.

21138 Ekizian Barton, A Online
Comments: Section 21138 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.

26103 Staff, M Online
Comments: Section 26103 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.

Merced Campus
21135 MWF 12:00p-12:50p Hallman, M OUTD-2
Comments: This class may have a web component which requires internet access.

PHIL-12 Introduction to Logic
3.0 units: 54.0 hours lec.
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
21299 An, D Online
Comments: Section 21299 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: dong.an@mccd.edu for 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 creative 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
21213 Rempel, D Online
Comments: Section 211213 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.

21219 Withers, M Online
Comments: Section 231219 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.

21221 Withers, M Online
Comments: Section 21221 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.

21225 Withers, M Online
Comments: Section 21225 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.

21230 Withers, M Online
Comments: Section 21230 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.

22057 Piro, V Online
Comments: Section 22057 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
PHOT-10B Intermediate Photography

3.0 units: 36.0 hours lec.

54.0 hours lab. Prerequisite: *Required*

*Advised* Previously taken ENGL-85AC and AOM-50C is advised.

This is a course dealing with the practical application of the basic principles of photography, emphasizing technical and artistic control and the perfection of processing, and composition. The course also provides a broad introduction to studio lighting.

PHOT-11A Introduction to the Digital Camera

3.0 units: 36.0 hours lec.

54.0 hours lab. 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.

PHOT-33 The History of Photography

3.0 units: 54.0 hours lec.

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.

PHSC-01 Introduction to Physical and Earth Science

3.0 units: 54.0 hours lec.

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.
PHSC-02 Survey of Chemistry and Physics

3.0 units: 54.0 hours lec.
Prerequisite: *Required* Take MATH-81; Minimum grade C,P; *Advised* Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors.

Online
12070
Evans, T
Online
Comments: Section 12070 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 MATH-81; Minimum Grade C,P; *Required* Take PHSC-02.
*Advised* Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.

This introductory laboratory is designed to provide a hands-on exploration in parallel with the topics covered in the introduction to Survey of Chemistry and Physics lecture course - Physical Science 2. Emphasis will be placed on (1) classical science experimentation, (2) laboratory activities in the real world, and (3) support of the laboratory activities through use of modern technologies. This course is intended for non-science majors.

Online
10038
Evans, T
Online
Comments: Section 10038 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.

PHYS-02A General Physics I

4.0 units: 54.0 hours lec,
54.0 hours lab.Prerequisite: *Required* 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.

Online
12735
Evans, T
Online
Comments: Section 12735 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.

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
12736
Evans, T
Online
Comments: Section 12736 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.

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
12088
Pourtarvirdi, Z
Online
Comments: Section 12088 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
12091 Pourtarvirdi, Z Online Comments: Section 12091 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) 381-6655.

72252 Huff, A Online Comments: Section 72252 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) 381-6655.

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 advised. PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.

Merced Campus
10049 MWF 10:00a-10:50a Khurana, P SCI-106 Comments: This class may have a web component which requires internet access.

Plant Science (PLSC)
PLSC-10 Elements of Plant Science
3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-85A 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 economic crops will be included.

Online
72260 Mosell, S Online Comments: Section 72260 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shawna.mosell@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6655.

Merced Campus
31009 TTh 03:30p-04:20p Codd, A AG-11
TTh 04:30p-05:45p Codd, A AG-11 Comments: Web Component which requires you to have internet access.

31140 MW 08:00a-08:50a Codd, A VOC-112
MW 09:00a-10:15a Codd, A VOC-112 Comments: Web Component which requires you to have internet access.

31227 MW 10:30a-11:20a Codd, A VOC-112
MW 11:30a-12:45p Codd, A VOC-112 Comments: Web Component which requires you to have internet access.

36001 W 05:10p-07:00p Codd, A AG-11
W 07:10p-10:00p Codd, A AG-11 Comments: Web Component which requires you to have internet access.

Political Science (POSC)
POSC-01 Essentials of American Political System
3.0 units: 54.0 hours lec. Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course will introduce students to institutions of American national government, the American political system, and California state and local government. The course includes a study of the United States Constitution and its application to federal, state, and local government. Emphasis is placed upon various roles of national and state government, constitutional rights and obligations of citizens, and the evolution and development of California state political institutions. This course meets the United States Constitution requirement and the federal, California state, and local government requirement.

Online
52005 Brady, A Online Comments: Section 52005 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: alison.brady@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6655.

Mayate-Deandreis, L Online Comments: Section 52014 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) 381-6655.

52028 Patterson, E Online Comments: Section 52028 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: elizabeth.patterson@mccd.edu for course-spe-
specific questions. For technology problems, contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565. Students need to log in within the first two days of class.

52086 MWF 09:00a-09:50a Carlson, J CLS-CLS
Comments: Section 52086 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: CONTACT: jon.carlson@mccd.edu for course-specific questions.

72264 Online Gardner, J Online
Comments: Section 72264 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.

72266 Online Gardner, J Online
Comments: Section 72266 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
51094 MWF 12:00p-12:50p Randall, R THTR-STG
Comments: This class may have a web component which requires internet access.

51096 MWF 11:00a-11:50a Randall, R THTR-STG
Comments: This class may have a web component which requires internet access.

51098 TTh 09:30a-10:45a Patterson, E THTR-STG
Comments: This class may have a web component which requires internet access.

51099 MWF 10:00a-10:50a Randall, R THTR-STG
Comments: This class may have a web component which requires internet access.

51100 MWF 09:00a-09:50a Carlson, J LESH-111
Comments: This class may have a web component which requires internet access.

59006 MWF 10:00a-11:50a Caivano, D OUTD-3
Comments: Section 59006 is held 10/18/21 to 12/17/21. This class may have a web component which requires internet access.

Psychology (PSYC)
PSYC-01A Introduction to Psychology
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors.

Online
51043 Daniel, M Online
Comments: Section 51043 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.

51044 Daniel, M Online
Comments: Section 51044 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.

51046 TTh 08:00a-09:15a Forester, D CLS-CLS
Comments: Section 51046 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: deborah.forester@mccd.edu for course-specific questions.

51047 TTh 09:30a-10:45a Forester, D CLS-CLS
Comments: Section 51047 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: deborah.forester@mccd.edu for course-specific questions.

51050 Murpy, J Online
Comments: Section 51050 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.

52015 Salazar, R Online
Comments: Section 52015 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.

52016 Huddleston, A Online
Comments: Section 52016 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 technology problems, contact the Help Desk at www.mccd.edu/myhelp/ or (209) 381-6565. Students need to log in within the first two days of class.

52017 Rodriguez, A Online
Comments: Section 52017 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.

52018 Clifford, J Online
Comments: Section 52018 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52019 Engelke, V Online
Comments: Section 52019 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.

52030 Gargano, G Online
Comments: Section 52030 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 about logging 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" Previously taken PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P.

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

51056 Williamson, L Online Comments: Section 51056 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.

52050 MW 08:00a-09:15a Forester, D CLS-CLS Comments: Section 52050 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: deborah.forester@mccd.edu for course-specific questions.

52102 TTh 11:00a-12:15p Engelke, V CLS-CLS Comments: Section 52102 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: vicki.engelke@mccd.edu for course-specific questions.

Merced Campus

51057 TTh 12:30p-01:45p Murphy, J IAC-139 Comments: This class may have a web component which requires internet access.

51058 TTh 11:00a-12:15p Engelke, V LESH-111 Comments: This class may have a web component which requires internet access.

PSYC-01AH Honors Introduction to Psychology

3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.
PSYC-01AH is an in-depth survey course designed to provide an introduction to facts and theories underlying human behavior. Special emphasis is given to the following topics: schools of psychology, physiological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors. There will also be an emphasis on research, writing, and critical thinking.

Merced Campus

51162 TTh 11:00a-12:15p Murphy, J OUTD-4

52102 TTh 11:00a-12:15p Engelke, V CLS-CLS Comments: Section 52102 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: vicki.engelke@mccd.edu for course-specific questions.

Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
apply. CONTACT: gargano.g@mccd.edu for course-specific questions. For additional information about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72282 Coahran, S Online
Comments: Section 72282 requires students to register for PSYC-95S-72292 and 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.

Merced Campus

51059 TTh 08:00a-09:15a Gargano, G IAC-139
Comments: Section 51059 requires students to register for PSYC-95S-51060. This class may have a web component which requires internet access.

PSYC-09 Human Development
3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.
This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

Online
51822 TTh 02:00p-03:15p Patton, M CLS-CLS
Comments: Section 51822 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: marvin.patton@mccd.edu for course-specific questions.

51823 MWF 12:30p-01:20p Staff, M CLS-CLS
Comments: Section 51823 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.

52036 Grimes, J Online
Comments: Section 52036 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: For course-specific questions contact joanna.grimes@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52467 Bluett-Murphy, V Online
Comments: Section 52467 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: For course-specific questions contact joanna.grimes@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52468 Bluett-Murphy, V Online
Comments: Section 52468 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.

52813 Clifford, J Online
Comments: Section 52813 is held from 10/18/21 to 12/17/21; 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.

56803 W 05:30p-08:20p Staff, M CLS-CLS
Comments: Section 56803 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.

72284 Rocha, J Online
Comments: Section 72284 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.rocha@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72286 Rocha, J Online
Comments: Section 72286 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: jennifer.rocha@mccd.edu for 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.
Previously taken ENGL-01A is advised.
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society. Specific topics include sexual anatomy and physiology, gender, sexual orientations, contraception, sexually transmitted infections, sexual dysfunction and sex for sale.

Online
51065 Williamson, L Online
Comments: Section 51065 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.

51066 Engelke, V Online
Comments: Section 51066 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.

52020 Engelke, V Online
Comments: Section 52020 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.

52022 Clifford, J Online
Comments: Section 52022 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52801 Clifford, J Online
Comments: Section 52801 is held from 08/16/21 to 09/24/21; 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-23 Personal and Social Adjustment
3.0 units: 54.0 hours lec.
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.
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

**PSYC-95S Statistics Support**

Engelke, V  
52053  
Online  

Comments: Section 52053 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.

Grimes, J  
52054  
Online  

Comments: Section 52054 will be offered remotely and has a web component requiring internet access; additional fees may apply. CONTACT: For course-specific questions contact Joanna.grimes@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

Coahran, S  
72288  
Online  

Comments: Section 72288 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.

### Merced Campus

**PSYC-25 Introduction to Abnormal Psychology**

3.0 units: 54.0 hours lec.  
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, causal factors, treatment, and outcomes of maladaptive behavior. Special emphasis will be placed on assessment, therapy, and prevention of maladaptive behavior.

**Online**

Murphy, J  
51068  
TTh  
09:30a-10:45a  
OUTD-4  

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

### Radiologic Technology (RADT)

**RADT-10 Introduction to Radiologic Sciences and Health Care**

4.0 units: 54.0 hours lec.  
54.0 hours lab. Prerequisite: *Required* Take BIOL-67 and ALLH-67; Minimum grade C,P;

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program; Student supplied criminal background and drug screening clearances; physical evaluation within the last 6 months; negative TB screening or chest x-ray report with the last 6 months; current inoculations; annual flu vaccination; current CPR. This course provides an overview of the foundations of radiography and the practitioner's role in the health care delivery system. Students will be oriented to the administrative structure of program, health science professions and career advancement, health care environment, cultural awareness in the radiologic sciences, ethics and the law, and regulatory agencies. The basic principles of radiation protection, patient care and pharmacology will also be presented. An overview of computer fundamentals, digital imaging, computer literacy, software applications, library use, time management, study skills and a mathematics review will be presented.

**Online**

Murphy, J  
51070  
Online  

Comments: Section 51070 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.  
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**

Clifford, J  
52023  
Online  

Comments: Section 52023 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

**PSYC-95S Statistics Support**

1.0 units: 54.0 hours lab.  
Prerequisite: *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**

Coahran, S  
72292  
Online  

Comments: Section 72292 requires students to register for PSYC-05-72282 and 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.

### Merced Campus

**PSYC-05**

51060  
TTh  
09:30a-10:45a  
Gargano, G  
IAC-139  

Comments: Section 51060 requires students to register for PSYC-05-51059. This class may have a web component which requires internet access.

**Online**

Gargano, G  
51062  
MW  
09:30a-10:45a  
Gargano, G  
CLS-CLS  

Comments: PSYC-95S-51062 requires students to register for PSYC-05-52051. Section 51062 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: gargano.g@mccd.edu for course-specific questions.
positioning of the thoracic viscera, abdomen, upper extremities, shoulder girdle, lower extremities, hip & pelvis and upper gastrointestinal tract. The laboratory portion of this course will include positioning exercises and image evaluation of these areas to achieve both accuracy and speed.

**Merced Campus**

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<tr>
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<th>Days</th>
<th>Time</th>
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</table>

**RADT-15A Radiologic Procedures III**

1.0 units: 9.0 hours lec, 27.0 hours lab.

This course is designed to provide a knowledge base necessary to perform standard radiographic procedures of the cranium, facial bones and paranasal sinuses. The laboratory portion of this course will include positioning exercises and image evaluation of these areas to achieve both accuracy and speed.

**Merced Campus**

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Comments: Section 49001 is held from 08/19/21 to 10/14/21.

**RADT-15B Clinical Education III**

5.5 units: 30.6 hours lab.

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

**Merced Off-Campus**

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<th>Course Code</th>
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<td>47201</td>
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</table>

Comments: Section 47201 requires 306 hours by arrangement.

**RADT-15C Advanced Radiologic Procedures I**

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers advanced radiographic procedures of vascular and non-vascular procedures and interventional radiology.

**Merced Campus**

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Comments: Section 49002 is held from 10/21/21 to 12/16/21.

**RADT-15D Radiographic Pathology**

1.5 units: 27.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course presents an introductory study of basic disease processes, nature and causes of disease and injury and their related radiographic significance. This course is part of the third semester of a twenty-nine month program in Radiography and is only offered during fall semester.

**Merced Campus**

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<td>Lang, K</td>
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**RADT-18A Integrative Study in Radiography**

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers a comprehensive analysis and assessment of all previous radiography instructional coursework in preparation for writing the national registry examination (ARRT). Job market readiness skills will also be presented.

**Merced Campus**

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</table>

**RADT-18B Advanced Clinical Education III**

9.0 units: 486.0 hours lab.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides clinical experience for reapplication of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image management and evaluation is provided.

**Merced Off-Campus**

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<td>47202</td>
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</table>

Comments: Section 47202 requires 486 hours by arrangement.

**RADT-18C Sectional Anatomy**

1.0 units: 18.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers an introduction to sectional anatomy. Emphases will be placed on the major anatomic structures normally seen in axial sections with some coronal and sagittal sections included.

**Merced Campus**

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</table>

**RADT-24 Work Experience in Radiology**

1.0 units: 75 paid hours.

Previously taken ENGL-85A or ENGL-85AC is advised. This course enables students to earn college credit for learning or improving skills and/or knowledge on-the-job. Occupational Work Experience is discipline-specific and must connect to the student’s major or occupational goal(s). Seventy-five (75) hours of documented paid work experience equals 1 unit of credit. Sixty (60) hours of documented volunteer experience equals 1 unit of credit. A student may enroll in up to 16 total units of work experience at Merced College. Students must have an established work site prior to enrolling in the course.

**Merced Off-Campus**

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Comments: This class has a required orientation. Please visit this link for a list of orientation dates: &lt;A href=https://mag.mccd.edu/Work40Info&gt;http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work40-class.html&lt;/A&gt; 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.

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<tr>
<td>43006</td>
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</table>

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: &lt;A href=https://mag.mccd.edu/Work40Info&gt;http://www.mccd.edu/academics/english-liberalstudies/coop-ed-work40-class.html&lt;/A&gt; 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 120 volunteer or 150 paid hours.

**RADT-50 Career Exploration in Medical Imaging**

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Negative TB screening test or chest x-ray (within last 6 months); some facilities may require medical background and drug screening clearances; some facilities may require current immunizations. This course allows students to sample an experience in a medical placement during the course’s orientation meeting. The instructor of record will be responsible for arranging the student’s clinical placement during the course’s orientation meeting.

**Merced Off-Campus**

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Comments: Section 43007 requires 54 hours by arrangement AND A MANDATORY ORIENTATION. Go to: http://www.mccd.edu/academics/alliedhealth/diag-rad for more information.
Real Estate (REAL)

REAL-42 Real Estate Principles

3.0 units: 54.0 hours lec.
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

32730 W 05:30p-08:20p Navarro, R VOC-37
Comments: Section 32730 is held 08/16/21 to 09/24/21. CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS: lecture; Wednesdays, 05:30p-08:20p; VOC-37. COMMENTS: 6 lab hours per week will be online. Section 32730 has a web component requiring internet access; additional fees may apply.

REAL-43 Real Estate Practices

3.0 units: 54.0 hours lec.
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 specialized brokerage, income properties, management and leasing, taxes, land utilization, and professional and public relations.

Merced Campus

32731 W 05:30p-08:20p Navarro, R VOC-37
Comments: Section 32731 is held 09/27/21 to 11/05/21. Contact: roy.navarro@mccd.edu IN-CLASS SESSIONS: lecture; Wednesdays, 05:30p-08:20p; VOC-37. COMMENTS: 6 lab hours per week will be online. Section 32731 has a web component requiring internet access; additional fees may apply.

REAL-44 Legal Aspects of Real Estate

3.0 units: 54.0 hours lec.

This course is a survey of the prominent artists and art movements from the 19th and 20th centuries to today. Major works in painting, sculpture, architecture and the applied arts are covered. The historical context of science, invention, world events, politics, philosophy, religion, and music are examined as influences reflected in each generation's contribution to the history of the visual arts.

Merced Campus

32732 W 05:30p-08:20p Navarro, R VOC-37
Comments: Section 32732 is held 11/08/21 to 12/17/21. CONTACT: roy.navarro@mccd.edu IN-CLASS SESSIONS: lecture; Wednesdays, 05:30p-08:20p; VOC-37. COMMENTS: 6 lecture hours per week will be held online. Section 32732 has a web component requiring internet access; additional fees may apply.

Registered Nurse (REGN)

REGN-01 Transition LVN to RN

2.0 units: 18.0 hours lec,
54.0 hours lab.Prerequisite: *Required* Take BIOL-16, BIOL-18, BIOL-20; ENGL-01A; MATH-C or MATH-61 or MATH-62. Minimum Grade C,P;

Limitation on Enrollment: California VN licence. Registered Nursing 01 is a series of lectures and discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in various health care settings. Emphasis will be placed upon the registered nurse as a decision-making member of the health care team and the responsibilities to be assumed by such a practitioner.

Merced Campus

49005 WTh 01:00p-02:05p Cazares, K AHC-140
WTh 02:05p-05:10p Cazares, K AHC-140
Comments: Section 49005 is held from 10/20/21 to 12/18/21.

REGN-02 Clinical Skills Transition Lvn to Rn

1.0 units:
54.0 hours lab.Prerequisite: *Required* Take Regn-01; Minimum Grade C,P;

Limitation on Enrollment: California VN license, CPR Certificate, and Acceptance into the REGN Program. Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Emphasis is placed on nursing skills related to first year RN nursing concepts in clinical practice.

Merced Off-Campus

49006 - Roe, L
Comments: Section 49006 is held from 10/20/21 to 12/16/21 and requires 54 hours by arrangement.

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  

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</table>
Comments: Section 41011 requires 270 hours by arrangement.  

#### REGN-44 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 Moduel AC; physical within past 6 months; negative TB screening test within past 6 months or negative chest x-ray within past year; proof of current immunizations; criminal background clearance; drug screening. This course enlarges upon the concepts presented in REGN-15 and REGN-24 by introducing principles of care to maintain and/or restore homeostatic mechanisms in acute health problems. Prototype disease processes associated with each concept are studied in relation to preventive and restorative nursing care. Concurrent practice in the college laboratory and clinical experience in community facilities are required.  

#### Merced Campus  

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<td>AHC-140</td>
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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.  

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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  

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### Skills - Non-Credit (SKLS)

#### SKLS-210 Daily Living Skills  

0.0 units:  
This 435-455 hour course is designed primarily for mentally and or physically disabled students who are functioning at very low levels. The course teaches the basic living skills necessary for successful social interaction, self-care, and to help enhance self-esteem.  

#### Online  

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Comments: Section 95201 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: gila.ochoa@mccd.edu for course-specific questions.  

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Comments: Section 95202 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: katherine.coleman@mccd.edu for course-specific questions.  

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</table>
Comments: Section 95203 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: katherine.coleman@mccd.edu for course-specific questions.  

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</table>
Comments: Section 95204 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: noncredit@mccd.edu for course-specific questions.  

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Comments: Section 95205 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: noncredit@mccd.edu for course-specific questions.  

### Sociology (SOC)

#### SOC-01 Introduction to Sociology  

3.0 units: 54.0 hours lec.  
Previously taken ENGL-01A is advised.  
This course provides an introduction into what it means to be socio-logically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and
public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

### Online

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>51074</td>
<td>TTh</td>
<td>09:00-10:45</td>
<td>Mirfakhraie, R</td>
<td>CLS-CLS</td>
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<td>51075</td>
<td>TTh</td>
<td>11:00-12:15</td>
<td>Mirfakhraie, R</td>
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<td>12:30-01:45</td>
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<td>51081</td>
<td>MW</td>
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<td>Riley, J</td>
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<td>52024</td>
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### Merced Campus

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<td>51080</td>
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<td>09:00-09:50</td>
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<td>THTR-STG</td>
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### SOC-02 Contemporary Social Problems

3.0 units: 54.0 hours lec.

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, delinquency, alcoholism, drug abuse, suicide, family, and politics. A global perspective focuses on the international influences and contributions to various contemporary social problems.

<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<td>72304</td>
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<td>Coahran, S</td>
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</table>
SOC-03 Marriage and the Family
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A ENGL-85AC or ENGL-85E is advised. This course provides an overview of sociological theories and concepts utilized to investigate marriage and family relationships. An empirical as well as experiential analysis of marriage and family functions, structures, and roles is emphasized. Special focus is paid to contemporary issues, concerns, and debates regarding marriage and family dynamics.

Online
51084
Saich, E Online
Comments: Section 51084 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.

52057
Bishop, K Online
Comments: Section 52057 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

52806
Olson, K Online
Comments: Section 52806 is held from 11/08/21 to 12/17/21; it 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. Additional fees may apply. Contact: katelynn.bishop@mccd.edu for course-specific questions.

SOC-05 Introduction to Race and Ethnicity
3.0 units: 54.0 hours lec.
Previously taken ENGL-01A is advised.
Sociological analysis of race, ethnicity, and racism. Examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as historical and contemporary patterns of interaction between various racial and ethnic groups.

Online
52058
Bishop, K Online
Comments: Section 52058 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 about logging into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

72308
Coahran, S Online
Comments: Section 72308 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.

Online
95901
MTWThF 08:30a-02:30p Huerta, I CLS-CLS
Comments: Section 95901 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.

SOCL-761 Vocational Life Planning
0.0 units: .
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.

Merced Campus
95912 M 05:00p-07:00p Lee, P AHC-130
Comments: This class may have a web component which requires internet access.

Los Banos Campus
95913 F 09:00a-11:00a Lemons, S LB-A-108
Comments: This class may have a web component which requires internet access.

Soil Science (SOIL)
SOIL-10 Soil Science
3.0 units: 36.0 hours lec, 54.0 hours lab. Previously taken ENGL-85AC or MATH-80 is advised.
This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics. The course includes factors of fundamental soil properties, soil and plant relationships, principles of soil formation, fertilizers and soil management, salinity, pH, erosion management, and nonagricultural uses.

Online
31018
Bell, S Online
Comments: Section 31018 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.

31019
Bell, S Online
Comments: Section 31019 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.

32018
Bell, S Online
Comments: Section 32018 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.

32019
Bell, S Online
Comments: Section 32019 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) 381-6655.

<table>
<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>27212</td>
<td>Marshall, C</td>
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</tr>
</tbody>
</table>

Comments: Section 27212 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: shawna.mosell@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6655.

SOIL-11 Fertilizers & Soil Amendments
3.0 units: 54.0 hours lec.
Previously taken ENGL-85A, ENGL-85AC or ENGL-85E and MATH-80 or MATH-85 is advised.

This course will cover the composition, value, selection and use of fertilizer materials and soil amendments. Soil, plant, and fertilizer relationships will be covered. Application practices common to area crops and soils will be discussed.

**Merced Campus**

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<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>36022</td>
<td>Stoddard, C</td>
<td>PS-1</td>
<td>T</td>
<td>06:00p-08:50p</td>
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</table>

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

Spanish (SPAN)

**SPAN-01 Elementary Spanish I**
5.0 units: 90.0 hours lec.
Previously taken ENGL-84A is advised.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

**Online**

<table>
<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>21144</td>
<td>Kreide, C</td>
<td>Online</td>
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</tbody>
</table>

Comments: Section 21144 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) 381-6655.

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>26105</td>
<td>Estrada, A</td>
<td>Online</td>
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</tbody>
</table>

Comments: Section 26105 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: alberto.estrad@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6655.

**Los Banos Campus**

<table>
<thead>
<tr>
<th>Code</th>
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<th>Type</th>
<th>Days</th>
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<td>74532</td>
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<td>LB-A-10</td>
<td>MWF</td>
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</table>

Comments: Section 74532 has a web component requiring internet access; additional fees may apply.

**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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>21151</td>
<td>Kreide, C</td>
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</table>

Comments: Section 21151 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) 381-6655.

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<tr>
<th>Code</th>
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<th>Type</th>
<th>Days</th>
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<tr>
<td>26106</td>
<td>Cortes, S</td>
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</tbody>
</table>

Comments: Section 26106 will be offered remotely and has a web component requiring internet access; additional fees may apply. Contact: sandra.cortex@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6655.

**SPAN-03 Intermediate Spanish I**
5.0 units: 90.0 hours lec.
Prerequisite: *Required* Take SPAN-02. Minimum grade C,P; *Advised* Previously taken LRNR-30 is advised.

SPAN-03 is the continuation of SPAN-02 and SPAN-11. This course reviews and further develops grammatical concepts introduced in Spanish-02 and SPAN-11, as well as introduces the student to the remaining major linguistic concepts of the language. Through varied readings, composition, and discussion, the student will increase his or her vocabulary and cultural knowledge.

**Online**

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Comments: Section 26107 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) 381-6655.
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
21199
Sobalvarro, N Online
Comments: Section 21199 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.

26108
Sobalvarro, N Online
Comments: Section 26108 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.

72320
Calderon Aragon, R Online
Comments: Section 72320 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.

Student Government (STGV)

STGV-33A Student Government I
2.0 units: 18.0 hours lec,
54.0 hours lab. Previously taken ENGL-85AC is advised
This course surveys the theory and practice of parliamentary law, committee techniques, and democratic organization. Students will study some of the factors of successful leadership and effective group membership. Participation in student organization events such as lectures, leadership workshops, and conferences, is required. Students may enroll without holding an office.

Online
81060
M 09:00a-09:50a McGhee, S CLS-CLS
M 10:00a-10:50a McGhee, S CLS-CLS
W 09:00a-10:50a McGhee, S CLS-CLS
Comments: Section 81060 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: suzanne.mcghee@mccd.edu for course-specific questions.

STGV-33B Student Government II
2.0 units: 18.0 hours lec,
54.0 hours lab. Prerequisite: *Required* Take STGV-33A; Minimum Grade C, P;
*Advised* Previously taken ENGL-85AC is advised
This course is a continuation of STGV-33A. The course is designed to introduce students to the ethical dimensions of an organization and to train them to identify social dilemmas, analyze them systematically and resolve them based on core values and codes of conduct found in a college setting. Students may enroll without holding an office.

Online
81061
M 09:00a-09:50a McGhee, S CLS-CLS
M 10:00a-10:50a McGhee, S CLS-CLS
W 09:00a-10:50a McGhee, S CLS-CLS
Comments: Section 81061 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: suzanne.mcghee@mccd.edu for course-specific questions.

STGV-33C Student Government III
2.0 units: 18.0 hours lec,
54.0 hours lab. Prerequisite: *Required* Take STGV-33B; Minimum Grade C,P;
*Advised* Previously taken ENGL-85AC is advised
This is the third of four sequential STGV courses. This course focuses on the development of leadership skills, provides an understanding of leadership and group dynamics theory and will assist the student in developing a personal philosophy of leadership and management skills. Topics include decision making, goal setting, building trust, empowering others, conflict resolution, managing change, and team building. Students may enroll without holding an office.

Online
81062
M 09:00a-09:50a McGhee, S CLS-CLS
M 10:00a-10:50a McGhee, S CLS-CLS
W 09:00a-10:50a McGhee, S CLS-CLS
Comments: Section 81062 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: suzanne.mcghee@mccd.edu for course-specific questions.

STGV-33D Student Government IV
2.0 units: 18.0 hours lec, 54.0 hours lab.
Prerequisite: *Required* Take STGV-33C; Minimum Grade C,P;
*Advised* Previously taken ENGL-85AC is advised
This is the fourth of four sequential STGV courses. This course examines the role of power and influence in organizations. Topics of study include recognizing the role of the dominant and non-dominant groups in the decision making process and understanding individual factors that influence governance. The course examines American political culture, intergovernmental relations, public opinion, interest groups, and the media. Students may enroll without holding an office.

Online
81063
M 09:00a-09:50a McGhee, S CLS-CLS
M 10:00a-10:50a McGhee, S CLS-CLS
W 09:00a-10:50a McGhee, S CLS-CLS
Comments: Section 81063 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: suzanne.mcghee@mccd.edu for course-specific questions.

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.
Virtual Office (VIRT)

VIRT-50 Virtual Office
3.0 units: 54.0 hours lec.
Previously taken BUS-10 is advised.
Learn how to become an independent contractor/freelancer in the virtual world.

Online
32002
Pirtle, T Online Comments: Section 32002 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-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
32845
Pirtle, T Online Comments: Section 32845 is held 08/16/21 to 09/20/21. This is a Learning Community with AOM 43-32841, AOM 50B-32837, AOM 50C-32831, AOM 52C-32833, AOM 56-32843, AOM 58A-32835, and VIRT 51-32845. Section 32845 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.

Virtual Office (VIRT)

VIRT-55 Social Media Marketing and Strategy
3.0 units: 54.0 hours lec.
Previously taken VIRT-51 is advised.
This course prepares the student for the role of a social Media Strategist and for the National Institute for Social Media Strategist certification examination.

Online
32800
Pirtle, T Online Comments: Section 32800 is held 10/26/21 to 12/01/21. Section 32800 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 Nursing (VOCN)

VOCN-44 Principles and Practices of Nursing Care II
14.0 units: 144.0 hours lec. 324.0 hours lab. Prerequisite: *Required* Take VOCN-42; Minimum grade C,P; *Required* Take VOCN-47C
Limitation on Enrollment: Enrollment in the Vocational Nursing Program; current CPR card; a negative TB skin test or negative chest x-ray. This course emphasizes theoretical principles of Maslow's basic human needs of safety, hygiene, rest, activity, comfort and self-actualization as it relates to common and complex health problems occurring in individuals of all age groups. Pathophysiological and psychosocial assessment and management of medical-surgical disorders are stressed. General pharmacological and nutritional considerations are included. Clinical experience is integrated. This is part of the third semester of a three semester course.

Merced Campus
41019 TW 18:00a-11:50a Alvarez, C AHC-130 T 12:30p-03:20p Alvarez, C AHC-140 Comments: Section 41019 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 10:00a-12:15p Cazares, K AHC-130 Comments: Section 49003 is held from 08/16/21 to 10/11/21.
49004 F 08:00a-09:50a Roe, L AHC-130 Comments: Section 49004 is held from 08/20/21 to 10/15/21.

VOCN-47C Nursing Guidance III
1.0 units: 18.0 hours lec.
Prerequisite: *Required* Take VOCN-42; Minimum grade C,P; *Required* Take VOCN-44
Limitation on Enrollment: Enrollment in the Vocational Nursing program. This course examines current and evolving patterns of mental health care and the shifts from inpatient custodial care to community-based treatment for the mentally ill. This course also examines the health-illness continuum, psychopathology, neuroses and psychoses, clinical disorders and maladaptations of behavior, and psychopharmacological approaches to treatment.

Merced Campus
41020 W 12:00p-12:50p Thompson, L AHC-130

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. Previously taken ENGL-84A advised.
*Advised* Previously taken MATH-80 or MATH-85 is advised. This course emphasizes the development of minimum skill standards in welding. The Shielded Metal Arc Welding (SMAW), Oxy-Fuel Welding (OFW) and Oxy Fuel Cutting (OFC) processes are studied as prescribed in the (AWS) American Welding Society Training Qualification (QC 10) entry level standards.

Merced Campus
39044 MTWTh 8:00a-10:50a Scroggins, B PS-2 MTWTh 11:30a-03:45p Scroggins, B IT-6 Comments: Section 39044 is held 09/27/21 to 10/14/21. This is a Learning Community with DRFT-44-39409, WELD-06-39044, WELD-07-39047, WELD-40A-39040, WELD-40B-39017, and WELD-46-39128. Section 39044 to include a 30 minute lunch.
<table>
<thead>
<tr>
<th>Web Component which requires you to have internet access. Section 39044 requires a $25 material fee.</th>
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</thead>
<tbody>
<tr>
<td><strong>WELD-07 Fundamentals of TIG &amp; MIG Welding</strong></td>
</tr>
<tr>
<td>3.0 units: 36.0 hours lec, 54.0 hours lab. Prerequisite: <em>Required</em> Take WELD-53 concurrently with WELD-07.</td>
</tr>
<tr>
<td><em>Advised</em> 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.</td>
</tr>
</tbody>
</table>

**Merced Campus**
- **39030**
  - MTWTh 05:00p-06:50p Russell, C IT-6
  - AG-10
  - Comments: Section 39030 is held 10/19/21 to 12/16/21. Web Component which requires you to have internet access. Section 39030 requires a $50 material fee.
- **39047**
  - MTWTh 08:00a-09:15a Russell, C PS-2
  - MTWTh 09:35a-11:35a Russell, C IT-6
  - Comments: Section 39047 is held 08/16/21 to 09/23/21. This is a Learning Community with DRFT-44-39409, WELD-06-39044, WELD-07-39047, WELD-40A-39004, WELD-40B-39017, and WELD-46-39128. Web Component which requires you to have internet access. Section 9047 requires a $50 material fee.
- **39118**
  - MTWTh 08:00a-09:15a Russell, C PS-2
  - MTWTh 09:35a-11:35a Russell, C IT-6
  - Comments: Section 39118 is held 08/16/21 to 09/23/21. Web Component which requires you to have internet access. Section 39118 requires a $50 material fee.

**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; *Advised* Previously taken ENGL-84A is advised. This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment. |

**Merced Campus**
- **39004**
  - MTWTh 08:00a-10:50a Scroggins, B PS-2
  - MTWTh 11:00a-03:15p Scroggins, B IT-6
  - Comments: Section 39004 is held 10/18/21 to 11/04/21. This is a Learning Community with DRFT-59-39119, WELD-06-39044, WELD-07-39047, WELD-40A-39004, WELD-40B-39017, and WELD-46-39128. Web Component which requires you to have internet access. Section 39004 requires a $25 material fee.
- **39027**
  - MW 05:10p-07:00p Scroggins, B AG-10
  - MW 07:10p-10:00p Scroggins, B IT-6
  - Comments: Section 39027 is held 10/18/21 to 12/15/21. Web Component which requires you to have internet access. Section 39027 requires a $25 material fee.
- **39124**
  - MTWTh 08:00a-10:50a Scroggins, B PS-2
  - MTWTh 11:00a-03:15p Scroggins, B IT-6
  - Comments: Section 39124 is held 10/18/21 to 11/04/21. Section 39124 to include a 30 minute lunch. Web Component which requires you to have internet access. Section 39124 requires a $25 material fee.

**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; *Advised* Take ENGL-84 or ZENGL-84; 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**
- **39016**
  - MTWTh 08:00a-10:15a Russell, C MA-6
  - MTWTh 10:25a-01:55p Russell, C IT-6
  - Comments: Section 39016 is held 11/08/21 to 12/02/21. Section 39016 includes a 30 minute lunch break. Web Component which requires you to have internet access. Section 39016 requires a $25 material fee.
- **39017**
  - MTWTh 08:00a-10:15a Russell, C MA-6
  - MTWTh 10:25a-01:55p Russell, C IT-6
  - Comments: *Advised* Take ENGL-84 or ZENGL-84; Minimum grade C,P; This is a Learning Community with DRFT-44-39409, WELD-06-39044, WELD-07-39047, WELD-40A-39004, WELD-40B-39017, and WELD-46-39128. Section 39017 includes a 30 minute lunch break. Web Component which requires you to have internet access. Section 39017 requires a $25 material fee."

**WELD-46 Advanced Arc Welding Procedure**
- 1.0 units: 54.0 hours lab. Previously taken MATH-80 or MATH-85 and WELD-06 or MECH-06 and WELD-07 is advised. This course is designed to emphasize the skills and techniques of Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Air Carbon Arc Welding and Oxycetylene 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**
- **39115**
  - FS 08:00a-10:50a Scroggins, B IT-6
  - Comments: Section 39115 is held 10/15/21 to 12/17/21. Web Component which requires you to have internet access. Section 39115 requires a $25 material fee.
- **39128**
  - MTWTh 08:00a-02:25p Scroggins, B IT-6
  - Comments: Section 39128 is held 12/06/21 to 12/16/21. This is a Learning Community with DRFT-44-39409, WELD-06-39044, WELD-07-39047, WELD-40A-39004, WELD-40B-39017, and WELD-46-39128. Section 39128 to include a 30 minute lunch. Web Component which requires you to have internet access. Section 39128 requires a $25 material fee.
- **39424**
  - MTWTh 08:00a-02:25p Scroggins, B IT-6
  - Comments: Section 39424 is held 12/06/21 to 12/16/21. Web Component which requires you to have internet access. Section 39424 to include a 30 minute lunch. Section 39424 requires a $25 material fee.

**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**
- **31422**
  - M 07:00a-07:50a Scroggins, B PS-2
  - TWTh 07:00a-07:50a Scroggins, B IT-6
  - Comments: Web Component which requires you to have internet access. Section 31422 requires an additional material fee.
Work Experience (WORK)

WORK-40  General Work Experience

1.0 units:

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

This course will enable students to earn college credit for learning or improving skills or knowledge while working. Any type of work is suitable, either paid or volunteer. This course will allow students to sample an experience in a career field that is not related to the student's major. A student may not enroll in any more than 16 units of any cooperative work experience course at Merced College. Seventy-five hours of cooperative work experience (or 60 hours volunteer work) equals 1 unit of cooperative work experience credit.

Merced Campus

23001  -  Pimentel, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

23002  -  Pimentel, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 2 unit course is designed for students will work 120 volunteer or 150 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

23003  -  Pimentel, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

23004  -  Pimentel, M

23005  -  Pimentel, M

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 5 unit course is designed for students will work 300 volunteer or 375 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

Los Banos Campus

73024  -  Cates, K

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40 must have a paid or volunteer work position in place at the time of registration. This 1 unit course is designed for students will work 60 volunteer or 75 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check each discipline for discipline-specific work experience options.

73026  -  Cates, K

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40 must have a paid or volunteer work position in place at the time of registration. This 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 each discipline for discipline-specific work experience options.

73028  -  Cates, K

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40 must have a paid or volunteer work position in place at the time of registration. This 3 unit course is designed for students will work 180 volunteer or 225 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check each discipline for discipline-specific work experience options.

73030  -  Cates, K

Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40 must have a paid or volunteer work position in place at the time of registration. This 4 unit course is designed for students 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
Courses with this icon have course materials that are free of charge and therefore not required to be purchased.

CLASSES

FALL 2021

WWW.MCCD.EDU

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

CLASSES

73032 - Cates, K
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 5 unit course is designed for students who will work 300 volunteer or 375 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.

73034 - Cates, K
Comments: This class has a required orientation. Please visit this link for a list of orientation dates: <A href=https://mag.mccd.edu/Work40Info>http://www.mccd.edu/academic/s/english-liberalstudies/coop-ed-work40-class.html</A>. Students registering for WORK 40, General Work Experience, must have a paid or volunteer work position in place at the time of registration. This 6 unit course is designed for students who will work 360 volunteer or 450 paid hours during the semester. General Work Experience is for students whose work experiences and career goals do not align; occupational work experience is available for students working in a major related to their field of study. Please check within each discipline for discipline-specific work experience options.
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