Growing our Community

SUMMER 2019 SCHEDULE
**SUMMER 2019**

**MERCED COLLEGE STUDENT SERVICES & COUNSELING**
MERCED CAMPUS AND LOS BANOS CAMPUS
Summer Hours are subject to change
JUNE 3, 2019 - AUGUST 2, 2019
Monday, Tuesday, Wednesday, Thursday ..... 08:00a-05:00p
Friday................................................................. CLOSED

**SUMMER 2019 EXCEPTIONS:**
JUNE 11-12, 2019
Tuesday, Wednesday .................................... 08:00a-07:00p

**MERCED COLLEGE STUDENT FEES**
MERCED CAMPUS AND LOS BANOS CAMPUS
Summer Hours are subject to change
JUNE 3, 2019 - AUGUST 2, 2019
Monday, Tuesday, Wednesday, Thursday ..... 08:00a-05:00p
Friday.............................................................. CLOSED

**SUMMER 2019 EXCEPTIONS:**
JUNE 11-12, 2019
Tuesday, Wednesday .................................... 08:00a-07:00p

**MERCED COLLEGE STUDENT HEALTH SERVICES**
MERCED CAMPUS
JUNE 3, 2019 - AUGUST 2, 2019
Monday, Tuesday, Wednesday, Thursday ..... 08:00a-04:30p
Friday................................................................. CLOSED

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**BUILDING ABBREVIATIONS**

**MERCED CAMPUS**
- AG-Agriculture
- AHC-Allied Health Complex
- ART-Art Building
- COM-Communications
- GYM-Gymnasium
- IAC-Interdisciplinary Academic
- IT-Industrial Technology
- LESH-Lesher Building
- MUS-Music
- MA-Mech Ag
- PS-Plant Science
- SCI-Science
- STAGE-Theatre
- SU-Student Union
- TCC-Tri-College Center
- THTR-Theatre
- VOC-Vocational
- Los Baños Campus
- LB-A-Los Baños, Bldg A
- LB-8-Los Baños, Bldg 8
- Off Campus Sites
- CCWF-Central California
- Women’s Facility
- DELH-Delhi
- DPHS-Dos Palos High School
- LBHS-Los Baños High School
- LIVN-Livingston
- MARI-Mariposa High School
- PACHS-Pacheco High School
- VSP-Valley State Prison

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**SUMMER 2019 CALENDAR**

**JUNE 2019**

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**JUNE 2019 CALENDAR**
SUMMER 2019 SESSION START, JUNE 10
CENSUS DAY (6-WEEK SESSION), JUNE 17

**JULY 2019**

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**INDEPENDENCE DAY**
JULY 4
END 6 WEEK SUMMER SESSION JULY 18

**AUGUST 2019**

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**END 8 WEEK SUMMER SESSION**
AUGUST 1
FALL 2019 INSTRUCTION BEGINS AUG 12

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**Session Minutes**  **Number of 10 minutes breaks**  **Classes will begin and end at the published times. The number of breaks per class is determined by the table.**

| 50-105 | 0 |
| 110-165 | 1 |
| 170-225 | 2 |
| 230-285 | 3 |
| 290-345 | 4 |
| 350-360 | 5 |
SUMMER 2019 IMPORTANT DATES

SUMMER 2019 dates for 6 week classes

- Summer and Fall 2019 Semester Registration Begins: April 17, 2019
- SUMMER 2019 SEMESTER BEGINS: June 10, 2019
- Adds Require Instructor’s Signature: June 10, 2019
- Refund Deadline: before 10% of the class meetings.
- Last Chance to Drop with No Entry: June 11, 2019

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

Instructional Dean signature required: June 17, 2019
Pass/No Pass Option Deadline: June 20, 2019
Last Chance to Drop with a “W”: July 9, 2019

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

Independence Day Observed: July 4, 2019
End 6 week Summer Session: July 18, 2019

SUMMER 2019 dates for 8 week classes

- Summer and Fall 2019 Semester Registration Begins: April 17, 2019
- SUMMER 2019 SEMESTER BEGINS: June 10, 2019
- Adds Require Instructor’s Signature: June 10, 2019
- Refund Deadline: before 10% of the class meetings.
- Last Chance to Drop with No Entry: June 12, 2019

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

Instructional Dean signature required: June 18, 2019
Pass/No Pass Option Deadline: June 24, 2019
Last Chance to Drop with a “W”: July 18, 2019

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

Independence Day Observed: July 4, 2019
End 8 week Summer Session: August 1, 2019

SUMMER 2019 FEES

Enrollment fees are due at the time of registration. Payments can be made online through the Merced College student portal at www.mccd.edu/makepayment or in person at the campus Student Fees office. The Student Fees office is located on the 3rd floor of the Lesher Student Services Center in Merced and at the Fees Counter at Los Banos Campus Building A. Before registering, students who owe money must pay in full or have a payment plan in place. If you owe money or need a payment plan, please contact the Student Fees office in person or by telephone at (209) 384-6219 or (209) 384-6212.

Enrollment Fee: $46.00 per unit
Health Fee*: $14.00
Parking Fee: auto-$10.00 or $1.00 per day
Non-Resident Tuition: $234.00 per unit, plus enrollment fee

*Ed Code Section 76355 allows exemption from the Health Fee solely to those students meeting the following criteria:
1. Indentured apprentice enrolled in apprenticeship classes only
2. Those who depend exclusively on prayer for healing (appropriate documentation must be filed)
This form must be submitted by the end of the second week of the semester. Please contact the Student Fees Office for more information
# 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>1) New and Returning Students</td>
<td></td>
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<tr>
<td>A) Application</td>
<td>At <a href="http://www.mccd.edu">www.mccd.edu</a> click on Welcome Students Get Started Here. Next, click on Apply Today. Click on Apply Online and choose your student type. You can go to the Welcome Center in the Lesher Building, Room 102 (lower level) for assistance with the application. Los Banos Students: LB Student Services Building A</td>
<td></td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>B) Placement Questionaire</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 Questionaire (PQ) 4. Answer the questions to the Placement Questionaire 5. Check your responses for accuracy (Responses to the Placement Questionaire will be randomly verified using official transcripts.) 6. Submit your responses at the end of the Placement Questionaire by checking the confirmation box and selecting on the “Submit” button. You can go to the Welcome Center in the Lesher Building, Room 102 (lower level) for assistance with the Placement Questionaire. 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 Questionaire 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: LB Student Services Building A</td>
<td></td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>C) Orientation</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. You may also complete orientation on campus during the Open Lab session.</td>
<td></td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>D) Set up MC4me Student portal account</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 you MC4me Student Portal. You may set up your student portal account when you come to campus for an Open Lab Session.</td>
<td></td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>E) Obtain ID card</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>F) New Student Planning Session</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. Call Merced College at (209) 384-6000-select option 8. Call Los Banos at (209) 826-3495 or 301-6411.</td>
<td></td>
<td>New &amp; Returning students</td>
</tr>
<tr>
<td>2) Register for Classes</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. 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></td>
<td>All students</td>
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<tr>
<td>3) Pay Fees</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 Services window.</td>
<td>All registered students</td>
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CONTINUING STUDENTS

The date you may begin Fall or Summer/Fall 2019 registration depends upon the registration group you are assigned (the registration group dates may be found below). Students will be notified of their registration group through Merced College student e-mail. If you did not receive an e-mail notification or disagree with the registration group assigned to you, please come to the Admissions & Records office.

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

Note 1: Successful completion of a course means you received a grade of “C” or better or a “P” (Pass).
Note 2: If you want to register in a course which has a prerequisite, you must file a Prerequisite Challenge Form and supporting documentation at the time of registration. Counselors can assist in this process if you need help.
Note 3: Telephone registration is no longer available.

NEW AND FORMER STUDENTS

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

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

PLACEMENT PROCESS

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

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

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

IMPORTANT ALERT!

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

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

| GROUP 1 | Registration begins | Wednesday April 17, 2019 | Students who are qualifying Foster Youth or former Foster Youth\(^1\), or Homeless Youth\(^2\) at Merced College OR Students who are qualifying Veterans, or students who are receiving services from EOPS, DSPS, CalWORKs or Tribal TANF and who:  
- have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |

| GROUP 2A | Registration begins | Monday April 22, 2019 | Athletes, International Students, students with a 3.5 GPA or better and all continuing students who have completed or are in-progress of completing 30 – 75 units at Merced College prior to semester enrolling and who:  
- have completed orientation, assessment, and developed a student comprehensive education plan at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |

| GROUP 2B | Registration begins | Monday April 29, 2019 | New students, including graduating high school seniors, who:  
- have completed orientation, assessment and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College |

| GROUP 2C | Registration begins | Monday May 6, 2019 | Returning students and all other continuing students at Merced College prior to semester enrolling and who:  
- have completed orientation, assessment, and developed a student education plan (abbreviated education plan if less than 15 units completed and comprehensive education plan if 15 units or more completed) at Merced College  
- have completed less than 100 degree applicable units at Merced College  
- do not have 2 or more continuous semesters of probation at Merced College immediately prior to semester enrolling |

| Open Registration | Registration begins | Monday May 13, 2019 | All other students (i.e. Special Admit K-12 students, students who have completed 100 or more degree applicable units, academic enrichment, students not completing orientation, assessment and/or education plans, etc.) |

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

The Disabled Students Program & Services (DSPS) provide reasonable accommodations that meet the individual needs of students with a verified disability, which limits one or more major life activities, resulting in an educational limitation (CCR, Title 5, Division 6, Chapter 7, Subchapter 1, Section 56002). In addition, DSPS assists the college in providing equal access to educational opportunities for students with disabilities and meet the requirements of federal and State non-discrimination laws, including Sections 504 and 508 of the federal Rehabilitation Act, the Americans with Disability Act (ADA), The Americans with Disabilities Amendment Act (ADAA), and State Government Code Sections 11135-11139.2. Support services and accommodations include, but are not limited to, priority registration, scheduling assistance, academic and vocational counseling, learning disability assessment, sign language interpreters, test-taking accommodations, assistive technology, and alternate media. Students are encouraged to visit our DSPS office located in the Lesher Student Services Building, 2nd floor, office #234 at the Merced Campus, Student Services Building A at the Los Banos Campus or visit the website. Merced Office: (209) 384-6155, TDD: (209) 384-6311 Los Banos Office: (209) 381-6423
Summer 2019 Classes

Accounting (ACTG)
ACTG-04A  Financial Accounting
4.0 units: 4.0 hours lec.
Prerequisite: None
This course provides the student with the knowledge of corporate financial statement reporting and the ability to analyze the reports of a corporation. Basic topics include analysis of transactions and preparation of financial statements related to developing an understanding of the financial condition of a corporation. This accounting course is recommended for students who have knowledge of or equivalent experience in the basics of bookkeeping.

Merced Campus
1044
MTWTh 02:00p-04:50p Stapleton, I IAC-145
Corequisites: None
Comments: $-Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

Allied Health (ALLH)
ALLH-63  Nurse Assistant
6.0 units: 3.5 hours lec. 7.5 hours lab.
Prerequisite: None
The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities. The course emphasizes care of the older adult client, assistance with the activities of daily living, bathing, dressing, exercise movement, eating, eliminating safety measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

Merced Campus
9055
M 08:00a-03:20p Reid, E AHC-130
TW 07:30a-03:15p Reid, E OFML-HOSP
Corequisites: None
Comments: ALLH-63 requires a mandatory orientation. Go to http://www.mccd.edu/academics/alliedhealth/nurse-assistant for more information. Section 9055 is held from 06/03/19 to 07/31/19. Section 9055 lecture & lab include a 30 minute break. Nursing Assistant lab hours are held at Merced Nursing & Rehab, 510 W. 26th St., Merced or La Sierra Care Center, 2424 M St; Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd., Atwater.

9056
M 08:00a-03:20p Reid, E AHC-130
TW 07:30a-03:15p Dickens, A OFML-HOSP
Corequisites: None
Comments: ALLH-63 requires a mandatory orientation. Go to http://www.mccd.edu/academics/alliedhealth/nurse-assistant for more information. Section 9056 is held from 06/03/19 to 07/31/19. Section 9056 lecture & lab include a 30 minute break. Nursing Assistant lab hours are held at Merced Nursing & Rehab, 510 W. 26th St., Merced or La Sierra Care Center, 2424 M St; Merced or Anberry Nursing & Rehab, 1685 Shaffer Rd., Atwater.

Los Banos Campus
4036
M 08:00a-04:00p Marshall, C LB-B-138
TW 07:30a-03:15p Marshall, C LB-B-138
Corequisites: None
Comments: ALLH-63 requires a mandatory orientation. Go to http://www.mccd.edu/academics/alliedhealth/nurse-assistant for more information. Section 4036 Lab includes a 30 minute lunch break. LB-B-138. Beginning 06/23/19 this section will meet at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr; Los Banos. Section 4036 Lab does not meet on ??/??/??.

ALLH-67  (Medical Terminology)
3.0 units: 3.0 hours lec.
Prerequisite: None
Advisory: ENGL-A. This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

Merced Campus
1582
MTW 09:00a-12:20p Provencio, G AHC-139
Corequisites: None
Comments: Section 1582 is held from 06/10/19 to 07/10/19 and has a web component which will require you to have internet access.
Anthropology (ANTH)

ANTH-02 Sociocultural Anthropology
3.0 units: 3.0 hours lec .
Prerequisite: None
Advisories: ENGL-A. This course is an introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of socio-cultural systems. Subjects include subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, and culture change. The course applies anthropological perspectives to contemporary issues.

Merced Campus
1023
MTWTh 10:15a-12:20p Gaugler, C VOC-8
Corequisites: None
Comments: None

Administrative Office Mgmt (AOM)

AOM-30 Introduction to Computer Applications
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Online
2990
Staff, M Online
Staff, M Online
Corequisites: None
Comments: CONTACT: ???

Merced Campus
1041
MTWTh 08:00a-11:35a Zdanowski, M VOC-115
MTWTh 08:00a-11:35a Zdanowski, M VOC-115
Corequisites: None
Comments: $-Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

Art (ART)

ART-01 Art History: Ancient Through Gothic
3.0 units: 3.0 hours lec .
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
This course is a survey 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.

Los Banos Campus
8096
MTW 05:30p-08:20p Cooper, T LB-B-134
Corequisites: None
Comments: None

ART-15 Design: 2-D Foundations
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This studio survey class is a required foundation course for the study of the Visual Arts. Lectures and studio projects explore and analyze concepts related to the elements and principles of current and historical design theories. Philosophical, social and cultural implications are examined. Subject matter is directly linked to topics in 2-D, fine art, graphic design, commercial art, and photography, with broader applications to professional fields of 3-D, applied arts, environmental design, architecture, interior design and fashion. Required for Art Majors.

Merced Campus
1026
MTWTh 11:45a-03:20p Schellenberg, E ART-4
MTWTh 11:45a-03:20p Schellenberg, E ART-4
Corequisites: None
Comments: None

ART-24A Drawing I
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This studio survey course introduces the principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Students will focus on perceptually based drawing, observational skills, technical abilities, conceptual thinking and critical analysis. Historical and contemporary developments, critical trends, materials, and approaches in drawing will be examined for their philosophical and cultural implications. Required for Art majors.

Merced Campus
1007
MTWTh 08:00a-11:35a Serpa, B ART-6
MTWTh 08:00a-11:35a Serpa, B ART-6
Corequisites: None
Comments: None

ART-24B Intermediate Drawing
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: Take ART-24A. Minimum grade C,P
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

Chowchilla
7102
MTWTh 03:30p-04:55p Tipay, J OFML-VSP
Corequisites: None
Comments: Section 7102 is held from 06/10/19 to 08/01/19.
Section 7102 is located at Valley State Prison; 21633 Avenue 24; Chowchilla, CA 93610. Open to VSP students only

ART-06 Survey of Modern Art
3.0 units: 3.0 hours lec .
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or EN-
Art - Digital (ARTD)
ARTD-40A  Introduction to Digital ArtyMedia
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
The studio survey course introduces fundamental raster and vector artwork concepts and visualization processes. Students will learn basic design elements, compositional principles, current digital art theories, philosophical and cultural implications, and emerging software techniques to create, edit, and output digital visuals. The course emphasizes creative thinking skills, design aesthetics, static imagery and motion media competency.

Merced Campus
1027
MTWTh 11:45a-03:20p  Perlin, A  ART-8
MTWTh 11:45a-03:20p  Perlin, A  ART-8
Corequisites: None
Comments: ARTD-40A requires that students provide their own DSLR or point and shoot digital camera and pay a $40 materials fee.

Astronomy (ASTR)
ASTR-01  Principles of Astronomy
3.0 units: 3.0 hours lec.
Prerequisite: None
Advisory: ENGL-A. This is a basic course studying the principles of astronomy beginning with the solar system and continuing through the Milky Way Galaxy and the galaxies beyond. Throughout the course topics relating to the philosophy of science, history of astronomy, tools of the astronomer, and supporting topics of physics are introduced. The course is designed for students satisfying breadth requirements in science and having a general interest in astronomy.

Merced Campus
1102
MTWTh 08:00a-10:05a  Davies, R  SCI-208
Corequisites: None
Comments: Section 1102 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

Athletics (ATHL)
ATHL-02D  Off-Season Cond for Football
1.0 units: 3.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of football. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate track and field competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
9069
MTWTh 08:00a-09:25a  McCall, S  ATHL-POOL
Corequisites: None
Comments: Section 9069 is held from 06/10/19 to 08/01/19.

ATHL-02I  Off-Season Cond for Track/Field
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of track and field. 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 track and field competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
9304
MTW 08:00a-10:05a  Foy, L  ATHL-STAD
Corequisites: None
Comments: Section 9304 is held from 06/10/19 to 08/01/19.

ATHL-02K  Off-Season Cond for Softball
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
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.

Merced Campus
9016
MTWTh 05:30p-07:35p  Mcghee, S  ATHL-SBF
Corequisites: None
Comments: Section 9016 is held from 06/10/19 to 07/18/19.

ATHL-03  Athletic Conditioning
1.0 units: 2.0 hours lec 5.0 hours lab.
Prerequisite: None
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
1009
MTWTh 09:00a-11:05a  Halpin, W  ATHL-POOL
Corequisites: None
Comments: Section 1009 is held from 06/10/19 to 07/18/19.

ATHL-02G  Off-Season Cond for Water Polo
1.0 units: 3.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of water polo. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate water polo competition and may be repeated to meet requirements for CCCAA eligibility.

Merced Campus
9004
MTWTh 01:00p-03:05p  Casey, R  ATHL-STAD
Corequisites: None
Comments: Section 9004 is held from 06/25/19 to 08/01/19.

TWTh 08:00a-10:50a  Casey, J  GYM-1
Corequisites: None
Comments: Section 9006 is held from 06/25/19 to 08/01/19.
### Biology (BIOL)

#### BIOL-01 General Biology for Non-Majors
4.0 units: 3.0 hours lec 3.0 hours lab.  
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum Grade C or P.  
Note: This course is not available to students having a grade of C or better in BIOL-04A or BIOL-04AH. This is an introductory-level course designed for non-majors. Areas stressed include the origin of life, structure and function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

### Merced Campus
1008  
MTW 10:10a-11:00a Foy, L  AHC-124

Corequisites: None  
Comments: Section 1008 is held from 06/10/19 to 07/18/19.

#### BIOL-02 Human Biology
4.0 units: 3.0 hours lec 3.0 hours lab.  
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C,P.

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

### Merced Campus
1072  
MTWTh 10:15a-12:20p Coburn, C  SCI-203  
MTWTh 08:00a-10:05a Coburn, C  SCI-115

Corequisites: None  
Comments: None

#### BIOL-09 Introduction to Genetics
3.0 units: 3.0 hours lec.  
Prerequisite: Take BIOL-01, BIOL-02, BIOL-04A. Minimum grade C,P.  
Advisory: ENGL-A. 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.

### Merced Campus
2404

Corequisites: None  
Comments: Section 2404 is an online class. CONTACT: valerie.albano@mccd.edu

#### BIOL-16 General Human Anatomy
4.0 units: 2.0 hours lec 6.0 hours lab.  
Prerequisite: Complete BIOL-01 or BIOL-02 or BIOL-04A; and Complete ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C,P.

This course is an intensive study of the structure of the human body. Consideration is given to the skeletal, muscular, circulatory, respiratory, digestive, excretory, reproductive, and nervous systems. Special emphasis is placed on the needs of students majoring in biology, nursing, physical education, and medical sciences.

### Merced Campus
9054  
MTWTh 05:30p-06:45p Zermeno, J  SCI-205  
MTWTh 07:00p-10:10p Zermeno, J  SCI-116

Corequisites: None  
Comments: Section 9054 is held from 06/10/19 to 08/01/19.

#### BIOL-19 Introduction to Microbiology
4.0 units: 3.0 hours lec 3.0 hours lab.  
Prerequisite: Take BIOL-01 or BIOL-02 or BIOL-04A; and Complete ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C,P.

This course is an introductory study of the microorganisms found in the environment. Topics covered include: general principles of taxonomy, physiology, replication, genetics, and pathogenesis of bacteria, parasites, fungi, and viruses. Recent research innovations explored include biotechnology and genetic engineering.

### Merced Campus
9077  
MTWTh 11:20a-12:35p Estrella, C  SCI-202  
MTWTh 08:00a-11:10a Estrella, C  SCI-116

Corequisites: None  
Comments: Section 9077 is held from 06/10/19 to 08/01/19.

### Los Banos Campus
8134  
MTWTh 05:30p-07:35p Ward, W  LB-B-104  
MTWTh 07:45p-09:50p Ward, W  LB-B-102

Corequisites: None  
Comments: Section 8134 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
**MERCED COLLEGE**

**BIOL-18 Principles of Physiology**
4.0 units: 3.0 hours lec 3.0 hours lab.
Prerequisite: Take CHEM-02A; Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Take BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; Take Math-C or MATH-61 or MATH-62. Minimum Grade C,P.
This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

**Merced Campus**
1620
MTWTh  10:15a-12:20p  Igo, M  SCI-208
MTWTh  08:00a-10:05a  Igo, M  SCI-113
Corequisites: None
Comments: Section 1620 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1902
MTWTh  10:15a-12:20p  Igo, M  SCI-208
MTWTh  01:00p-03:05p  Igo, M  SCI-113
Corequisites: None
Comments: Section 1902 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1903
MTWTh  01:15p-03:20p  Doscher, E  VOC-11
MTWTh  10:15a-12:20p  Doscher, E  SCI-113
Corequisites: None
Comments: None

**BIOL-20 Microbiology**
4.0 units: 2.0 hours lec 6.0 hours lab.
Prerequisite: Complete all groups: Group 1: Complete one course from BIOL-01 or BIOL-02 or BIOL-04A; and Group 2: Complete CHEM-02A; and Group 3: Complete one course from ENGL-85 or ENGL-85A or ENGL-85E or ENGL-A or ENGL-01A.
This is an introductory course familiarizing students with basic laboratory techniques and fundamental topics of microbiology. Laboratory work includes aseptic techniques, staining procedures, biochemical characterization, serology, and DNA technology used in the identification of microorganisms. Lecture topics consist of a historical overview, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

**Merced Campus**
9079
MTW  11:20a-12:35p  Vierra, S  SCI-207
MTWTh  08:00a-11:10a  Vierra, S  SCI-114
Corequisites: None
Comments: Section 9079 is held from 06/10/19 to 08/01/19. Section 9079 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

9081
MTW  11:20a-12:35p  Vierra, S  SCI-207
MTWTh  01:00p-04:10p  Vierra, S  SCI-114
Corequisites: None
Comments: Section 9081 is held from 06/10/19 to 08/01/19. Section 9081 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

**Business (BUS)**

**BUS-10 Introduction to Business**
3.0 units: 3.0 hours lec.
Prerequisite: None
This survey course is an overview of all aspects involved in business. It covers economic foundations, types of business organizations, marketing, money and banking, and finance. This information will be integrated and related to social, political, legal, and international matters affecting the United States.

**Online**
2903
Haugen, A  Online
Corequisites: None
Comments: CONTACT: haugen.a@mccd.edu for course-specific questions. COMMENTS: Students must log into the course or contact the instructor within the first four days of semester to avoid being dropped. Additional fees may apply. For specific text/access code, view the syllabus available in Canvas.

**Chemistry (CHEM)**

**CHEM-02A Introductory Chemistry**
4.0 units: 3.0 hours lec 3.0 hours lab.
Prerequisite: Take MATH-C, MATH-61 or MATH-62; Minimum Grade C,P.
This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

**Merced Campus**
1109
MTWTh  10:15a-12:20p  Tenn, B  SCI-110
MTWTh  08:00a-10:05a  Tenn, B  SCI-109
Corequisites: None
Comments: Section 1109 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1110
MTWTh  10:15a-12:20p  Tenn, B  SCI-110
MTWTh  12:30p-02:35p  Tenn, B  SCI-109
Corequisites: None
Comments: Section 1110 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1111
MTWTh  10:15a-12:20p  Tenn, B  SCI-110
MTWTh  02:45p-04:50p  Tenn, B  SCI-109
Corequisites: None
Comments: Section 1111 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

1621
MTWTh  12:30p-02:35p  Le, T  SCI-208
MTWTh  10:15a-12:20p  Le, T  SCI-109
Corequisites: None
Comments: None

6013
MTWTh  05:30p-07:35p  Giagou, T  SCI-110
MTWTh  07:45p-09:50p  Giagou, T  SCI-109
Corequisites: None
Comments: None

$ - Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
WC - Web Component which will require you to have internet access.
SI - Supplemental Instruction
Online/Hybrid Classes. See page 63 for details.

SI - Supplemental Instruction

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

WC - Web Component which will require you to have internet access.

CHEM-04A General Chemistry I
5.0 units: 3.0 hours lec 6.0 hours lab.
Prerequisite: Take CHEM-02A; Take MATH-C or MATH-61 or MATH-62. Minimum grade C,P.
This course is designed to teach general principles of chemistry emphasizing nomenclature, chemical equations, stoichiometry, concentration, gas laws, atomic structure, bonding, intermolecular forces, and crystalline solids. It is designed for the student majoring in chemistry, physics, biology, engineering, pre-med, or related fields. A student who has not successfully completed the prerequisite of CHEM-02A but has completed a high school chemistry course with a grade of "B" or higher may consider submitting a prerequisite challenge.

Merced Campus
9083
MTWTh 11:20a-12:45p Ventura, D SCI-205
MTWTh 08:00a-11:10a Ventura, D SCI-107
Corequisites: None
Comments: Section 9083 is held from 06/10/19 to 08/01/19.

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

Merced Campus
9085
MTWTh 11:10a-12:35p Fregene, P SCI-104
MTW 12:45p-05:00p Fregene, P SCI-104
Corequisites: None
Comments: Section 9085 is held from 06/10/19 to 08/01/19.

Child Development (CLDV)

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

Online
2437
Bluett-Murphy, V Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

Merced Campus
6049
TWTTh 05:30p-08:20p Nunez, J AHC-129
Corequisites: None
Comments: CONTACT: jose.nunez2873@mccd.edu. WC - Web Component which requires you to have internet access.

CLDV-02 Child, Family and Community
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A; Minimum grade C,P;
An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted.

Online
2439
Patton, M Online
Corequisites: None
Comments: CONTACT: marvin.patton@mccd.edu for course related questions.

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

Online
2440
Snider, B Online
Corequisites: None
Comments: CONTACT: snider.b@mccd.edu for course related questions.

CLDV-06 Teaching in A Diverse Society
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P;
This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status. Students will demonstrate strategies for helping children negotiate and resolve conflicts with a focus on using an anti-bias approach in the classroom.

Online
2446
Patton, M Online
Corequisites: None
Comments: CONTACT: marvin.patton@mccd.edu for course related questions.

CLDV-09 Human Development
3.0 units: 3.0 hours lec.
Prerequisite: None
Advisory: ENGL-A. This course is an introduction to the scientific study of human development from conception through death. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.

Online
2416
Bluett-Murphy, V Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.
MERCED COLLEGE 209.384.6000

Online/Hybrid Classes. See page 63 for details.

SI - Supplemental Instruction

WC - Web Component which will require you to have internet access.

CLASSES

2428                  Bluett-Murphy, V    Online

Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

Merced Campus
1047

MTWTh  12:30p-02:35p  Befumo, A    VOC-139

Corequisites: None
Comments: CONTACT: april.befumo@mccd.edu for course related questions. WC - Web Component which will require you to have internet access.

Communication Studies (COMM)

COMM-01 Fundamentals of Speech

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

Merced Campus
1985

MTW   08:00a-10:50a  Moles, A   IAC-127
Corequisites: None
Comments: None

9014

MTWTh  08:00a-12:15p  Ward, M   IAC-121
Corequisites: None
Comments: Section 9014 is held from 07/01/19 to 07/18/19.

9408

MTWTh  08:00a-12:15p  Bonstein, J  IAC-121
Corequisites: None
Comments: Section 9408 is held from 06/10/19 to 06/27/19.

Los Banos Campus
1028

MTW   08:00a-10:50a  Cavallero, D    LB-B-135
Corequisites: None
Comments: Section 1028 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

COMM-05 Interpersonal Communication

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

Merced Campus
1987

MTWTh  02:00p-04:05p  Staff, M  IAC-120
Corequisites: None
Comments: None

9112

MTWTh  08:00a-12:15p  Young, J  IAC-109
Corequisites: None
Comments: Section 9112 is held from 06/10/19 to 06/27/19.

Drama (DRAM)

DRAM-01 Introduction to Theater

3.0 units: 3.0 hours lec.
Prerequisite: None
This course is an introduction to the art of theater that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actor, director, designer, technician, and audience.

Merced Campus
1028

MTWTh  10:15a-12:20p  Souza, J  IAC-145
Corequisites: None
Comments: None

Economics (ECON)

ECON-01 Introduction to Microeconomics

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

Online
2909

Carter, J    Online
Corequisites: None
Comments: 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.
ECON-02 Introduction to Macroeconomics
3.0 units: 3.0 hours lec.
Prerequisite: Complete each group: Group 1: ECON-01 or AGBS-11; Group 2: ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Group 3: MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C; Minimum Grade C,P;
ECON-02 is an introductory course in macroeconomic theories including the determination of income, output, employment, and prices in the economy; the monetary system; governmental fiscal, monetary, and income policies; economic growth; international trade; and economic development.

Online
2910
Carter, J Online
Corequisites: None
Comments: 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.

Education - Non-Credit (EDU)

EDU-112A Skills Acquisition for Student Success - General
0.0 units: 3.0 hours lec.
Prerequisite: None
This course can be taken by enrolled credit students for a maximum of 90 hours per term. The course provides a supervised learning experience for students who can benefit from individualized instruction in study skills and study habits in a laboratory setting. The study skills and study habits learned depend on the needs of the individual students and include educational computer applications, knowledge of college resources, and application of composition skills across the curriculum.

Merced Campus
5003
Corequisites: None
Comments: None

Los Banos Campus
5007
MTWThF - Mingua-Lopstain, D LB-A-110 MTWThF
Corequisites: None
Comments: None

EDU-112B Skills Acquisition for Student Success - Math
0.0 units: 3.0 hours lec.
Prerequisite: None
Enrolled credit students may take this course for a maximum of 90 hours per term. This course provides a supervised learning experience for students who can benefit from individualized instruction in study skills and study habits in a laboratory setting. The study skills and study habits learned depend on the needs of the individual students and include educational computer applications, knowledge of college resources, and application of computation skills across the curriculum.

Merced Campus
5001
Corequisites: None
Comments: None

English (ENGL)

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

Online
2441
Fries, M Online
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2441 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. CONTACT: For course specific questions, contact fries.m@mccd.edu

2445
Toconis, M Online
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2445 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. CONTACT: For course specific questions, contact toconis.m@mccd.edu

2491
Chavez, C Online
Corequisites: None
Comments: CONTACT: chavez.c@mccd.edu

2521
Epstein-Corbin, S Online
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2521 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. CONTACT: For course specific questions, contact seanc.epstein-corbin@mccd.edu

2911
Corequisites: None
Comments: None

2912
Epstein-Corbin, S Online
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2912 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. CONTACT: For course specific questions, contact seanc.epstein-corbin@mccd.edu

2913
Fries, M Online
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2913 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. CONTACT: For course specific questions, contact fries.m@mccd.edu

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Online/Hybrid Classes. See page 63 for details.

SI - Supplemental Instruction
$ - Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
WC - Web Component which will require you to have internet access.

CLASSES

ENGL-01B  Introduction to Literature
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P;
This course introduces representative works from four major genres: short story, novel, drama, and poetry. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature. Students read texts from various countries and periods in order to encourage an appreciation of literature’s range, artistry, and insight into the human experience.

Online

ENGL-13  Critical Reasoning & Writing
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A. Minimum grade C,P.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse social and gender perspectives on a variety of contemporary issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

Online

Merced Campus

1589
MTWTh 08:00a-10:50a Smith, V IAC-124
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 1589 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

1618
MTWTh 08:00a-10:50a Rocha, M IAC-124
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 1618 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

993
MTWTh 11:00a-01:50p Toconis, M IAC-124
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 993 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

6055
MTWTh 05:30p-08:20p White, M IAC-142
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 6055 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Los Banos Campus

4368
MTWTh 11:00a-01:50p Chavez, C LB-B-137
Corequisites: None
Comments: Section 4368 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

2926
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2926 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

CONTACT: For course specific questions, contact Shirley.
kahlert@mccd.edu
### Geography (GEOG)

**GEOG-02 World Geography**

3.0 units  3.0 hours lec  
**Prerequisite:** None  
Advisory: ENGL-A. GEOG-02 is a survey of the geography of the world's regions. The study includes the ways in which environmental resources are utilized to satisfy the needs of mankind. There is emphasis on economic development, population, and food problems. Knowledge of the cultural and economic interaction between regions will enable the student to better understand contemporary world problems and potential.

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### Merced Campus

#### 1086

**TTH**  12:00p-02:50p  White, M  IAC-122  
**Corequisites:** None  
**Comments:** Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 1086 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

#### 1300

**TTH**  08:00a-10:50a  Goldeen, P  VOC-110  
**Corequisites:** None  
**Comments:** Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 1300 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

#### 1301

**MTW**  11:00a-01:50p  Withers, M  IAC-142  
**Corequisites:** None  
**Comments:** Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 1301 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

#### 6112

**TTH**  05:30p-08:20p  Barnes, L  IAC-109  
**Corequisites:** None  
**Comments:** Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 6112 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

### Los Banos Campus

#### 4400

**MTW**  08:00a-10:50a  Chavez, C  LB-B-137  
**Corequisites:** None  
**Comments:** Section 4400 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
## MERCED COLLEGE

**GUID-48 Life & Career Planning**
- 3.0 units: 3.0 hours lec.
- Prerequisite: None
- Advisory: ENGL-A. This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends. The total individual is explored; issues such as life roles, values, goals, life styles, preferences, coping skills, and personal barriers as they relate to decisions will be covered.

### Chowchilla
7105
- MTWTh 03:30p-04:45p Gonzales, A VSP-1
- Corequisites: None
- Comments: Section 7105 is held from 06/10/19 to 08/01/19. Section 7105 is located at Valley State Prison; 21633 Avenue 24; Chowchilla, CA 93610. Open to VSP students only

**GUID-54 Foundations and Strategies for AcademcRecovery**
- 3.0 units: 3.0 hours lec.
- Prerequisite: None
- This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

### Online
2917
- Clark, S Online
- Corequisites: None
- Comments: CONTACT: clark.s@mccd.edu

### History (HIST)

**HIST-04A World History Part 1**
- 3.0 units: 3.0 hours lec.
- Prerequisite: None
- 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.

### Merced Campus
9108
- MTWTh 12:30p-02:35p Lorenz, M VOC-8
- Corequisites: None
- Comments: None

**HIST-17A US History/US Constitution**
- 3.0 units: 3.0 hours lec.
- Prerequisite: None
- 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
2494
- Jackson, M Online
- Corequisites: None
- Comments: CONTACT: For course-specific questions contact marvin.jackson@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

2495
- Jackson, M Online
- Corequisites: None
- Comments: CONTACT: For course-specific questions contact marvin.jackson@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

### Merced Campus
1050
- MTWTh 12:30p-02:35p Kocolas, T VOC-9
- Corequisites: None
- Comments: None

1619
- MTWTh 08:00a-10:05a Nystrom, E VOC-9
- Corequisites: None
- Comments: None

6017
- TWTh 05:30p-08:20p Bland, J VOC-8
- Corequisites: None
- Comments: None

### Los Banos Campus
4506
- MTW 08:00a-10:50a McNally, T LB-B-106
- Corequisites: None
- Comments: Section 4506 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

### Chowchilla
7103
- MTWTh 03:30p-04:55p Driskill, D VOC-1
- Corequisites: None
- Comments: Section 7103 is located at Valley State Prison; 21633 Avenue 24; Chowchilla, CA 93610. Open to VSP students only

**HIST-17B US History & CaliforniayState & Local Government**
- 3.0 units: 3.0 hours lec.
- Prerequisite: None
- 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
2423
- Jackson, M Online
- Corequisites: None
- Comments: CONTACT: For course-specific questions contact marvin.jackson@mccd.edu. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

2496
- Cook, J Online
- Corequisites: None
- Comments: CONTACT: james.cook@mccd.edu

### Merced Campus
1031
- MTWTh 02:45p-04:50p Seymour, D AHC-129
- Corequisites: None
- Comments: None
1032
MTWTh 12:30p-02:35p Seymour, D AHC-129
Corequisites: None
Comments: None

1043
MTWTh 10:15a-12:20p Kocolas, T VOC-9
Corequisites: None
Comments: None

Health (HLTH)

HLTH-10 Contemporary Health
3.0 units: 3.0 hours lec.
Prerequisite: None
Advisory: ENGL-A. This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life. Mental health, stress, alcohol, drugs, tobacco, disease processes, nutrition, fitness, sexuality, aging, environmental issues, and other related topics are studied and examined. The student is challenged to assume responsibility for his or her own health, well being, and lifestyle.

Online
2900
Devine, N Online
Corequisites: None
Comments: Section 2900 is held from 06/10/19 to 08/01/19.

2904
Casey, R Online
Corequisites: None
Comments: Section 2904 is held from 06/10/19 to 08/01/19.

Merced Campus
1024
MTWTh 08:00a-10:05a Huddleston, A GYM-2
Corequisites: None
Comments: Section 1024 is held from 06/10/19 to 07/18/19.

1063
MTWTh 10:15a-12:20p Severo, S GYM-2
Corequisites: None
Comments: Section 1063 is held from 06/10/19 to 07/18/19.

Kinesiology (KINE)

KINE-01 Introduction to Kinesiology
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P.
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discusses. Career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

Merced Campus
1012
MTWTh 12:30p-02:35p McCall, S GYM-2
Corequisites: None
Comments: Section 1012 is held from 06/10/19 to 07/18/19.

KINE-02 First Aid and CPR for the Professional Rescuer
3.0 units: 3.0 hours lec.
Prerequisite: None
This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR for the professional rescuer, and AED certification(s) can be granted upon successful completion of requirements.

Merced Campus
1013
MTWTh 10:00a-12:05p McCall, S AHC-123
Corequisites: None
Comments: Section 1013 is held from 06/10/19 to 07/18/19.

KINE-09 Adaptive Physical Education
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is a continuing program of individualized instruction for the physically disabled student allowing that student long-range participation in an adapted exercise physiology environment designed to created more physical independence for the student.

Merced Campus
9208
MTWTh 10:15a-11:40a Huddleston, A GYM-4
Corequisites: None
Comments: Section 9208 is held from 06/10/19 to 08/01/19.

KINE-24A Beginning Swimming
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is a general introduction to swimming and aquatics. It is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.

Merced Campus
1021
MTWTh 01:30p-03:35p Halpin, W ATHL-POOL
Corequisites: None
Comments: Section 1021 is held from 06/10/19 to 07/18/19.

KINE-24B Techniques and Stroke Development for Swimming
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is designed for the intermediate swimmer. Emphasis is placed on technique and stroke development of the front crawl, elementary backstroke, and side stroke. Back crawl, breaststroke, butterfly, turns, dives, and fitness and training concepts will also be introduced.

Merced Campus
1022
MTWTh 11:10a-01:15p Halpin, W ATHL-POOL
Corequisites: None
Comments: Section 1022 is held from 06/10/19 to 07/18/19.

KINE-30 Group Exercise
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course uses a variety of group exercise to improve cardiorespiratory fitness, muscular fitness, and flexibility. Strenuous physical activity is required. Good general health advised.

Chowchilla
7116
MTWTh 03:30p-04:45p Botsford, S VSP-MISC
Corequisites: None
Comments: Section 7116 is held from 06/10/19 to 08/01/19. Section 7116 is located at Valley State Prison; 21633 Avenue 24; Chowchilla, CA 93610 Open to VSP students only
KINE-31 Aerobic Training
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This class uses a variety of aerobic activities to improve cardio-respiratory endurance. Machines used include stair climber, treadmills, cycles, rowing, recumbent bikes and cross trainers. Emphasis will be placed on monitoring physiological response to exercise and teaching proper warm-up, training at target rate, and cool down. A pre-test and post-test will be administered to evaluate fitness level and monitor improvement.

Merced Campus
9401
MTWTh 01:00p-02:25p Kelly, P GYM-4
Corequisites: None
Comments: Section 9401 is held from 06/10/19 to 08/01/19.

KINE-32 Circuit Weight Training
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
The equipment (single station exercise machines) and routine utilized in the fitness lab are designed to exercise all major muscle groups for a well-rounded fitness program with the non-athletic in mind. Circuit weight training has proven beneficial for people of all ages and genders, who are interested in weight training, a desire to increase muscle tone and cardiovascular fitness.

Merced Campus
9403
MTWTh 08:00a-09:25a Kelly, P GYM-4
Corequisites: None
Comments: Section 9403 is held from 06/10/19 to 08/01/19.

KINE-33 Weight Training
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights. This class is designed specifically to improve strength. The class is suited for athletes and men and women of all age groups who are interested in muscle toning and muscle building.

Merced Campus
1014
MTWTh 02:30p-04:35p Casey, R GYM-5
Corequisites: None
Comments: Section 1014 is held from 06/10/19 to 07/18/19.

1015
MTWTh 12:00p-02:05p Huddleston, A GYM-5
Corequisites: None
Comments: Section 1015 is held from 06/10/19 to 07/18/19.

1016
MTWTh 08:00a-10:05a Devine, N GYM-5
Corequisites: None
Comments: Section 1016 is held from 06/10/19 to 07/18/19.

KINE-34 Fitness Through Activity
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
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.

Merced Campus
1017
MTWTh 02:45p-04:50p Huddleston, A GYM-1
Corequisites: None
Comments: Section 1017 is held from 06/10/19 to 07/18/19.

KINE-35 Flexibility and Cardiovascular Fitness
2.0 units: 2.0 hours lec 6.0 hours lab.
Prerequisite: None
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
2497
Matis Foss, A Online
Corequisites: None
Comments: CONTACT: amand.matisfoss@mccd.edu

2902
Pedretti, C Online
Corequisites: None
Comments: Section 2902 is held from 06/10/19 to 08/01/19.

2905
Pedretti, C Online
Corequisites: None
Comments: Section 2905 is held from 06/10/19 to 08/01/19.

2944
Casey, J Online
Corequisites: None
Comments: Section 2944 is held from 06/10/19 to 08/01/19.

KINE-36 Walking for Fitness Conditioning and Flexibility
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities. Students will use the latest techniques to improve walking performance.

Merced Campus
1018
MTWTh 09:00a-11:05a Casey, R ATHL-STAD
Corequisites: None
Comments: Section 1018 is held from 06/10/19 to 07/18/19.

Landscaping Horticulture (LAND)
LAND-17 Nursery & Garden Center Practice
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
Advisories: ENGL-A; MATH-80. This course is a study of commercial retail nursery and garden center operations dealing with wholesale and retail nursery practices, including plant care, merchandising, and management practices.

Online/Hybrid Classes. See page 63 for details.
SI - Supplemental Instruction
WC - Web Component which will require you to have internet access.
Mathematics (MATH)

MATH-02 Precalculus
4.0 units: 4.0 hours lec.
Prerequisite: Previously taken MATH-25 and passed with a minimum grade C OR Concurrently enrolled in MATH-95P
This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

Merced Campus
9127
TTh 08:00a-02:20p Codd, A PS-1 TTh 08:00a-02:20p Codd, A PS-1
Corequisites: None
Comments: Section 9127 is held from 05/28/19 to 06/27/19. Section 9127 includes a 30 minute lunch break. WC - Web Component which requires you to have internet access.
CONTACT: andrew.codd@mccd.edu

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

Merced Campus
9060
MTWTh 08:00a-10:05a Hogan, G SCI-204
Corequisites: None
Comments: Section 9060 is held from 06/10/19 to 08/01/19. Section 9060 requires students to do online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

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

Merced Campus
9060
MTWTh 08:00a-10:05a Hogan, G SCI-204
Corequisites: None
Comments: Section 9060 is held from 06/10/19 to 08/01/19. Section 9060 requires students to do online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

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

Merced Campus
9062
MTWTh 08:00a-10:05a Navarro, I SCI-110
Corequisites: None
Comments: Section 9062 is held from 06/10/19 to 08/01/19. Section 9062 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

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

Merced Campus
9070
MTWTh 01:00p-03:05p Staten, P SCI-207
Corequisites: None
Comments: Section 9070 is held from 06/10/19 to 08/01/19. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-06 Elementary Differential Equations
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-04C. Minimum grade C,P;
Advisories: ENGL-A; MATH-08. This course is an introduction to ordinary differential equations (ODEs), including analytical, graphical and numerical methods, as well as a variety of modeling applications. It introduces both theoretical and practical considerations, including definitions, existence and uniqueness of solutions, techniques for solving first-order ODEs and higher-order linear ODEs, series solutions and singular points for linear differential equations, Laplace transforms, homogeneous versus nonhomogeneous equations, linear systems, and numerical methods.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Class Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-08</td>
<td>Linear Algebra</td>
<td>Prerequisite: Take MATH-04B. Minimum grade C,P; 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.</td>
</tr>
<tr>
<td>MATH-10</td>
<td>Elementary Statistics</td>
<td>Prerequisite: Previously taken MATH-C or MATH-D or MATH-88 or MATH-61 or MATH-62 and passed with a minimum grade of C; OR Concurrently enrolled in MATH-95S. Advisory: ENGL-A. This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.</td>
</tr>
<tr>
<td>Online</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Corequisites: None
Comments: CONTACT: bruley.m@mccd.edu; SCI-213 IN-CLASS SESSIONS: MANDATORY - Exam #1 - June 19, 2019; 03:30p-05:20p; SCI-202. Exam #2 - July 03, 2019; 03:30p-05:20p; SCI-202. Exam #3 - July 17, 2019; 03:30p-05:20p; SCI-202. COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class and are expected to log into the course by June 13, 2019, and complete the orientation assignment or risk being withdrawn from the course. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Corequisites: None
Comments: CONTACT: bassem.saad@mccd.edu IN-CLASS SESSIONS: MANDATORY - Mid-Term - July 02, 2019; 03:30p-05:20p; SCI-202. Final Exam - July 16, 2019; 03:30p-05:20p; SCI-202. COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class and are expected to log into the course by June 13, 2019, and complete the orientation assignment or risk being withdrawn from the course. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Corequisites: None
Comments: CONTACT: lisa.diaz@mccd.edu ORIENTATION: MANDATORY: June 10, 2019; 03:30p-05:20p; SCI-207. IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - June 20, 2019; 03:30p-05:20p; SCI-207. MANDATORY - Mid-Term #2 - July 03, 2019; 03:30p-05:20p; SCI-207. MANDATORY - Final Exam - July 18, 2019; 03:30p-05:20p; SCI-207. COMMENTS: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
SUMMER 2019

CLASSES

Online/Hybrid Classes. See page 63 for details.

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

SI - Supplemental Instruction

WC - Web Component which will require you to have internet access.

MATH-15 Finite Mathematics
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C or MATH-62 or MATH-62, Minimum grade C,P:
This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability. This course includes applications to business, economics, psychology, and sociology.

Merced Campus
6003
MTW 05:30p-08:20p Navares, D SCI-203
Corequisites: None
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-20A Basic Structure of Math I
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C or MATH-D or MATH-61 or MATH-62, Minimum grade C,P:
This course is designed to complete the first course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. It covers elementary set theory, enumeration systems, number theory, the set of integers, the set of rational numbers, and the set of real numbers.

Merced Campus
1051
MTWTh 02:00p-04:05p Collins, R IAC-143
Corequisites: None
Comments: Section 1051 requires online assignments. Additional fees apply. For specific text/access code please see your instructor. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-20B Basic Structure of Mathematics II
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C MATH-D or MATH-61 or MATH-62, Minimum grade C,P:
This course is designed to complete the second course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. This course covers the structure of plane and solid geometry, measurement, introduction to coordinate geometry, elementary probability, and statistics.

Merced Campus
1006
MTWTh 02:45p-04:50p Rivero, J SCI-208
Corequisites: None
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-25 Trigonometry
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C or MATH-61, Minimum grade C,CR;
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

Online
2402
Corequisites: None
Comments: CONTACT: mark.sutterfield@mccd.edu ORIENTA-
TION: MANDATORY: June 10, 2019; 03:30p-05:20p; SCI-203.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 27, 2019; 03:30p-05:20p; SCI-203. MANDATORY - Final Exam - July 18, 2019; 03:30p-05:20p; SCI-203. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

WWWWW.MCCD.EDU

CLASSES
Merced Campus

MATH-61 Beginning & Intermediate Algebra for STEM

Prerequisite: Take MATH-80; Minimum grade C,P;
This course covers topics in both beginning and intermediate algebra. The beginning algebra topics include order of operations, graphing linear equations, solving equations and inequalities that are linear in form, operations on polynomials, and a brief introduction to functions. The intermediate algebra topics include factoring, graphing linear and non-linear functions, including piecewise defined graphs, problem solving with nonlinear equations, working with complex numbers, and graphing conic sections. This course is designed to prepare students for mathematics course work in trigonometry and precalculus.

Merced Campus

MATH-62 Beginning & Intermediate Algebra For Liberal Arts

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

Online

2901

Corequisites: None
Comments: Section 2901 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

Merced Campus

9001

Corequisites: None
Comments: Section 9001 is held from 06/10/19 to 08/01/19.
Section 9001 requires online assignments. Additional fees apply. For specific text/access code please see your instructor.

9007

Corequisites: None
Comments: Section 9007 is held from 06/10/19 to 08/01/19.
Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

9008

Corequisites: None
Comments: Section 9008 is held from 06/10/19 to 08/01/19.
Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

9009

Corequisites: None
Comments: Section 9009 is held from 06/10/19 to 08/01/19.
Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

9010

Corequisites: None
Comments: Section 9010 is held from 06/10/19 to 08/01/19.
Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
Online/Hybrid Classes. See page 63 for details.

SI - Supplemental Instruction

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

WC - Web Component which will require you to have internet access.

MATH-80 Prealgebra
4.0 units: 4.0 hours lec.
Prerequisite: None
Advisories: ENGL-81, ENGL-81L. This course covers the real number system and operations of addition, subtraction, multiplication, and division including whole numbers, integers, decimals, fractions and application problems involving percents, ratios, proportions, and square roots. It also covers real world application problems, formulas, measurement concepts, and an introduction to algebra including addition, subtraction, and multiplication of algebraic expressions.

Online
2409
Rieg, K Online
Corequisites: None
Comments: CONTACT: kristen.rieg@mccd.edu IN-CLASS
SESSIONS: MANDATORY - Mid-Term - June 27, 2019; 10:00a-11:50a; SCI-207. MANDATORY - Final Exam - July 18, 2019; 10:00p-11:50a; SCI-207. COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class and are expected to log into the course by June 12, 2019, and complete the orientation assignment or risk being withdrawn from the course. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Merced Campus
6005
MTWTh 05:30p-08:20p Linebaugh, B IAC-144
Corequisites: None
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-88 Preparation for Elementary Statistics
4.0 units: 4.0 hours lec.
Prerequisite: Take Math-80; Minimum grade C,P;
An accelerated one-semester course to transfer-level Elementary Statistics covering core concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Concepts are taught through the context of descriptive data analysis. Topics include arithmetic and algebra skills needed to understand the concepts and formulas, solving and graphing linear equations, modeling with linear functions, and solving contextualized problems. This course is NOT intended for math, science, computer science, business, or engineering majors. Non-degree applicable.

Merced Campus
1054
MTWTh 11:00a-01:50p Collins, R VOC-140
Corequisites: None
Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-89P PreCalculus Support
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: Concurrent enrollment in MATH-02.
A review of the core prerequisite skills, competencies, and concepts needed in precalculus. Topics include concepts from elementary algebra, intermediate algebra, and trigonometry. Intended for students who are concurrently enrolled in precalculus.

Merced Campus
1056
MTWTh 12:30p-02:35p Sutterfield, M SCI-204
Corequisites: None
Comments: None

MATH-99S Statistics Support
1.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: Concurrent Enrollment in MATH-10
A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Elementary Statistics.

Merced Campus
1055
MTWTh 08:00a-10:05a Diaz, L SCI-203
Corequisites: None
Comments: None

Los Banos Campus
4610
MTW 02:00p-04:50p Shumaker, N LB-B-110
Corequisites: None
Comments: None

MATH-C Intermediate Algebra
4.0 units: 4.0 hours lec.
Prerequisite: Take MATH-A or MATH-81. Minimum grade C,P;
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.
### MERCED COLLEGE

**Online/Hybrid Classes**

See page 63 for details.

**SI - Supplemental Instruction**

$ - Web Component which will require you to have internet access.

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

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<thead>
<tr>
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<tbody>
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<td>MUSA-25A</td>
<td>Guitar I</td>
<td>This course is an introduction to the basic playing techniques, theory and history of the guitar. Students will develop a basic foundation for playing the guitar while surveying its historical development and various stylistic uses in artistic, folk, and popular music.</td>
</tr>
<tr>
<td>MKTG-30</td>
<td>Principles of Marketing</td>
<td>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.</td>
</tr>
<tr>
<td>MGMT-50C</td>
<td>Time Management</td>
<td>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.</td>
</tr>
<tr>
<td>MGMT-51G</td>
<td>Stress Management &amp; Counseling</td>
<td>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.</td>
</tr>
</tbody>
</table>

### Classes

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</table>

### Contact Information

- **MERCED COLLEGE**
  - 209.384.6000
  - Online/Hybrid Classes. See page 63 for details.

### Notes

- **SI - Supplemental Instruction**
- **WC - Web Component which will require you to have internet access.**
- **$ - Web Component which will require you to have internet access.**

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**Online 2436**

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<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
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</thead>
</table>
| Mitchell, P | Online      | Corequisites: None

| Comments: CONTACT: patrick.mitchell@mccd.edu ORIENTATION: MANDATORY: June 10, 2019; 03:30p-05:20p; SCI-202. IN-CLASS SESSIONS: MANDATORY - Mid-Term - July 1, 2019; 03:30p-05:20p; SCI-202. MANDATORY - Final Exam - July 18, 2019; 03:30p-05:20p; SCI-202. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional. |

### Merced Campus

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</thead>
</table>
| 1057        | MTWTh 02:00p-04:50p Mason, C VOC-140 | Corequisites: None

| Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional. |

| 1058        | MTWTh 08:00a-10:50a Mohan, R IAC-146 | Corequisites: None

| Comments: Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional. |

### Chowchilla

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<tr>
<th>Course Code</th>
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</table>
| 9701        | Th 08:00a-12:15p Morse, J BRC-122 | Corequisites: None

| Comments: Section 9701 is held 07/18/19 and 07/25/19. |

### Merced Off-Campus

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
</tr>
</thead>
</table>
| 9702        | Th 08:00a-12:15p Pistersoi, P BRC-122 | Corequisites: None

| Comments: Section 9702 is held 06/20/19 and 06/27/19. |

### Marketing (MKTG)

<table>
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<tr>
<th>Course Code</th>
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</thead>
</table>
| 9703        | Th 01:00p-05:15p Pistersoi, P BRC-122 | Corequisites: None

| Comments: Section 9703 is held 06/20/19 and 06/27/19. |

### Los Banos Campus

<table>
<thead>
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<th>Course Code</th>
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</table>
| 4594        | MTWTh 08:00a-10:50a Bryan, J LB-B-134 | Corequisites: None

| Comments: Section 4594 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. |
Music: General (MUSG)

MUSG-10  Music Fundamentals
3.0 units: 3.0 hours lec.
Prerequisite: None
This course is a study of music fundamentals, including principles and procedures of rhythm and pitch notation, musical symbols, scales, key signatures, intervals, diatonic chords. The course is applicable to those who have learned to play and sing without training in fundamentals and to beginners in music. This course is open to all students.

Merced Campus
1034
MTWTh 12:30p-02:35p Dahman, N VOC-138
Corequisites: None
Comments: None

MUSG-14  American Popular Music History
3.0 units: 3.0 hours lec.
Prerequisite: None
This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America. Emphasis is on styles and personalities of folk, blues, jazz, musical theater, country & western, and rock n roll. This course is designed for the non-music major.

Merced Campus
1035
MTWTh 10:15a-12:20p Taylor, K MUS-2
Corequisites: None
Comments: None

Los Banos Campus
4630
MTW 11:00a-01:50p Faria, M LB-B-106
Corequisites: None
Comments: None

San Joaquin Valley
2224
MTW 08:00a-10:05a Keane, F VOC-138
Corequisites: None
Comments: None

Nutrition (NUTR)

NUTR-10  Nutrition
3.0 units: 3.0 hours lec.
Prerequisite: ENGL-01A
This course presents an in-depth study of the essential nutrients and their functions, and the chemical composition of foods and their utilization in the body. It includes discussion on the nutritional values of foods, current topics in nutrition and nutritional needs throughout the life cycle. The relationship between diet and diseases will also be covered. Advisory: MATH-80

Online
2447
Cronk, L Online
Corequisites: None
Comments: Section 2447 is held 06/10/19 to 07/18/19. CONTACT: cronk.l@mccd.edu ORIENTATION: MANDATORY: Tuesday, June 11, 2019; 05:00p-06:50p; AHC-139. IN-CLASS SESSIONS: MANDATORY - Mid-Term - Tuesday, July 2, 2019; 05:00p-06:50p; VOC-37. MANDATORY - Final Exam - Tuesday, July 16, 2019; 05:00p-06:50p; VOC-37.

Merced Campus
1101
MTW 02:00p-04:50p Cronk, L VOC-37
Corequisites: None
Comments: WC - Web Component which requires you to have internet access.

Philosophy (PHIL)

PHIL-10  Critical Thinking
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-85 or ENGL-01A. Minimum grade C, P;
This is a practical course in sound and logical reasoning. The focus of this course is to develop the abilities to analyze, to criticize, and to reach reasoned conclusions. This includes the ability to recognize and avoid common fallacies in reasoning, and on constructing cogent arguments and essays.

Merced Campus
1506
MTW 08:00a-10:50a Barnes, L IAC-122
Corequisites: None
Comments: None

PHIL-13  Critical Reasoning & Writing
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P;
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

Online
2224
Kahlert, S Online
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in ENGL-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2224 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
MERCED COLLEGE 209.384.6000

Merced Campus 209
1085
TTh 12:00p-02:50p White, M IAC-122
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 1085 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

1238
MTW 11:00a-01:50p Withers, M IAC-142
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 1238 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

6113
TTh 05:30p-08:20p Barnes, L IAC-109
Corequisites: None
Comments: Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 6113 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Los Banos Campus 800
4654
MTW 08:00a-10:50a Chavez, C LB-B-137
Corequisites: None
Comments: Section 4654 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PLSC-10 Elements of Plant Science
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
Comments: This course is designed to provide the students with a working knowledge of fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

Merced Campus 209
1115
MTWTh 10:15a-12:20p Pourtarvirdi, Z SCI-106
Corequisites: None
Comments: None

Physics (PHYS)

PHYS-02A General Physics I
4.0 units: 3.0 hours lec 3.0 hours lab.
Prerequisite: Take 1 group; Take MATH-02 or MATH-02H; Minimum grade C,P; or Take MATH-25 and MATH-26; Minimum grade C,P;
This course is intended for students other than physics and engineering majors. PHYS-02A is the first semester of a one-year physics course designed to develop major concepts and give an understanding of general principles of physics. This course will also try to relate physics to other areas of knowledge and discuss science in general, and physics specifically, as part of the concept of culture and time. The development of ideas will begin with those of Aristotle and terminate with present-day concepts of the atom and nucleus. PHYS-02A will emphasize the universe, motion, forces in nature, energy, fields, conservation laws, waves, sound, light, and thermal phenomena.

PHYS-02B General Physics II
4.0 units: 3.0 hours lec 3.0 hours lab.
Prerequisite: Take PHYS-02A Minimum grade C,P;
PHYS-02B is a continuation of PHYS-02A with emphasis on electricity, magnetism, radiation, relativity, atomic and nuclear processes, astrophysics, cosmology, and a look toward the future.

Merced Campus 800
6007
MTWTh 05:30p-07:35p Pourtarvirdi, Z SCI-106
Corequisites: None
Comments: None

POLSC-01 Essentials of American Political System
3.0 units: 3.0 hours lec.
Prerequisite: None
Comments: 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

2403
Mayate-Deandreis, L  Online
Corequisites: None
Comments: CONTACT: laura.mayate-deandre@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

2499
Gardner, J  Online
Corequisites: None
Comments: CONTACT: jennifer.gardner@mccd.edu

2590
Gardner, J  Online
Corequisites: None
Comments: CONTACT: jennifer.gardner@mccd.edu

Merced Campus

1097
MTWTh 02:45p-04:50p  Carlson, J  ART-1
Corequisites: None
Comments: None

Los Banos Campus

4702
MTW 02:00p-04:50p  Coahran, S  LB-B-107
Corequisites: None
Comments: Section 4702 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PSYC-09 Human Development
3.0 units: 3.0 hours lec.
Prerequisite: None
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

2417
Bluett-Murphy, V  Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

2429
Bluett-Murphy, V  Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

PSYC-01A Introduction to Psychology
3.0 units: 3.0 hours lec.
Prerequisite: None
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

2424
Bera, S  Online
Corequisites: None
Comments: CONTACT: stephan.bera@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

2425
Bera, S  Online
Corequisites: None
Comments: CONTACT: stephan.bera@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

Merced Campus

1048
MTWTh 12:30p-02:35p  Befumo, A  VOC-139
Corequisites: None
Comments: CONTACT: april.befumo@mccd.edu for course related questions. WC - Web Component which requires you to have internet access.

PSYC-22 Human Sexuality
3.0 units: 3.0 hours lec.
Prerequisite: None
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

2426
Clifford, J  Online
Corequisites: None
Comments: 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.

2427
Clifford, J  Online
Corequisites: None
Comments: 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.

Merced Campus

1020
MTWTh 02:45p-04:50p  Forester, D  VOC-9
Corequisites: None
Comments: None

1038
MTWTh 12:30p-02:35p  Daniel, M  IAC-139
Corequisites: None
Comments: None

1039
MTWTh 08:00a-10:05a  Elms, J  LESH-111
Corequisites: None
Comments: None

1040
MTWTh 10:15a-12:20p  Daniel, M  LESH-111
Corequisites: None
Comments: None

6051
MW 05:30p-10:05p  Forester, D  VOC-9
Corequisites: None
Comments: None

Psychology (PSYC)

PSYC-01A Introduction to Psychology
3.0 units: 3.0 hours lec.
Prerequisite: None
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

2424
Bera, S  Online
Corequisites: None
Comments: CONTACT: stephan.bera@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

2425
Bera, S  Online
Corequisites: None
Comments: CONTACT: stephan.bera@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

Merced Campus

1048
MTWTh 12:30p-02:35p  Befumo, A  VOC-139
Corequisites: None
Comments: CONTACT: april.befumo@mccd.edu for course related questions. WC - Web Component which requires you to have internet access.

PSYC-22 Human Sexuality
3.0 units: 3.0 hours lec.
Prerequisite: None
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

2426
Clifford, J  Online
Corequisites: None
Comments: 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.

2427
Clifford, J  Online
Corequisites: None
Comments: 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 & Social Adjustment
3.0 units: 3.0 hours lec.
Prerequisite: None
This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

Los Banos Campus
4708
MTW 08:00a-10:50a Lemons, S LB-B-111
Corequisites: None
Comments: None

Radiologic Technology (RADT)

RADT-14A Radiologic Sciences II
2.0 units: 27.0 hours lec 27.0 hours lab.
Prerequisite: None
This course covers the theory and application of factors that govern and influence the production of quality radiographic images. A basic knowledge of quality control, optimal imaging standards, image evaluation and factors that can affect image quality such as anatomy and positioning will be reviewed to assure consistency in the production of quality radiographic images.

Merced Campus
9059
T 09:00a-01:35p Lang, K AHC-148 -
Lang, K
Corequisites: None
Comments: Section 9059 is held from 05/28/19 to 08/06/19.

RADT-14B Clinical Education II
3.5 units: 3.0 hours lec 189.0 hours lab.
Prerequisite: None
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
9063
- Lang, K OFML-HOSP
Corequisites: None
Comments: Section 9063 is held from 05/29/19 to 08/07/19 and includes a 30 minute break.

RADT-17A Radiologic Sciences III
2.0 units: 2.0 hours lec.
Prerequisite: None
This course presents an overview of the principles of the interaction of radiation with living systems, the principles behind radiation protection, including the responsibilities of the radiographer for patients, personnel and the public. Radiation health and safety requirements of federal and state regulatory agencies, accreditation agencies and health care organizations are incorporated.

Merced Campus
9072
W 09:00a-12:05p Lang, K AHC-148
Corequisites: None
Comments: Section 9072 is held from 05/29/19 to 08/07/19.

RADT-17B Advanced Clinical Education II
7.0 units: 2.0 hours lec 21.0 hours lab.
Prerequisite: None
This course provides clinical experience for reapplication of theoretical principles and concepts covered in previous and current didactic coursework to ensure continued competency. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, work efficiency and image evaluation is provided.

Merced Off-Campus
9074
- Lang, K OFML-HOSP
Corequisites: None
Comments: Section 9074 is held from 05/28/19 to 08/07/19 and includes a 30 minute break.

Sociology (SOC)

SOC-01 Introduction to Sociology
3.0 units: 3.0 hours lec.
Prerequisite: None
This course provides an introduction into what it means to be sociologically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Online
2430
Olson, K Online
Corequisites: None
Comments: CONTACT: kurt.olson@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
2431
Olson, K Online
Corequisites: None
Comments: CONTACT: kurt.olson@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
2432
Gabriella, A Online
Corequisites: None
Comments: CONTACT: anakira.gabriella@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

Merced Campus
1045
MTWTh 10:15a-12:20p Shaw, M VOC-143
Corequisites: None
Comments: None

1046
MTWTh 12:30p-02:35p Shaw, M VOC-143
Corequisites: None
Comments: None

2432
6019
TWTh 05:30p-08:20p Pierce, T VOC-143
Corequisites: None
Comments: None

$ - Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
SI - Supplemental Instruction
WC - Web Component which will require you to have internet access.
Online/Hybrid Classes. See page 63 for details.
Los Banos Campus
4732
MTW 08:00a-10:50a Coahran, S  LB-B-107
Corequisites: None
Comments: Section 4732 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

SOC-02 Contemporary Social Problems
3.0 units: 3.0 hours lec.
Prerequisite: None
S0C-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems. An emphasis is placed on analysis of causes and possible solutions to such problems as poverty, discrimination, crime, delinquency, alcoholism, drug abuse, suicide, family, and politics. A global perspective focuses on the international influences and contributions to various contemporary social problems.

Merced Campus
1995
MTWTh 02:45p-04:50p Shaw, M VOC-143
Corequisites: None
Comments: None

SOC-03 Marriage and the Family
3.0 units: 3.0 hours lec.
Prerequisite: None
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
2302
Olson, K Online
Corequisites: None
Comments: CONTACT: kurt.olson@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

Diagnostic Medical Sonography (SONO)

SONO-44A Advanced Ultrasound Physics
1.5 units: 1.5 hours lec.
Prerequisite: None
A continuation of basic physics and instrumentation including continuous and pulsed wave Doppler. Basic principles of color flow imaging. Advanced principles in medical ultrasound instrumentation, hemodynamics, bioeffects, artifacts, and sonographic quality assurance/control procedures.

Merced Campus
9066
W 08:00a-11:10a Zelinsky, C AHC-157
Corequisites: None
Comments: Section 9066 is held from 06/12/19 to 07/31/19.

SONO-44B Clinical Experience II
4.5 units: 3.0 hours lec 13.5 hours lab.
Prerequisite: Take SONO-44C
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation for superficial structures. Clinical experience in abdominal, obstetric and gynecological imaging is also provided.

Merced Off-Campus
9068
- Zelinsky, C OFML-HOSP
Corequisites: None
Comments: Section 9068 is held from 06/10/19 to 08/02/19 and includes a 30 minute lunch break.

SONO-44C Superficial Structures
1.0 units: 0.5 hours lec 1.5 hours lab.
Prerequisite: Take SONO-44B
This course covers basic positioning and scanning protocol of the superficial structures; related anatomy and physiology to include the neck, breast, and testes; pathology and clinical symptomology and how they relate to the sonographic appearance of these structures. Interpretation and critique of normal and abnormal anatomy with correlation of clinical didactic and image information will be presented. The laboratory component of this course will include demonstration and scanning exercises.

Merced Campus
9067
W 12:00p-04:15p Zelinsky, C AHC-157
- Zelinsky, C
Corequisites: None
Comments: Section 9067 is held from 06/12/19 to 07/31/19.

Spanish (SPAN)

SPAN-01 Elementary Spanish I
5.0 units: 5.0 hours lec.
Prerequisite: None
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

Merced Campus
1098
MTWTh 11:45a-03:20p Allen, M IAC-108
Corequisites: None
Comments: None

1099
MTWTh 01:00p-04:35p Estrada, A IAC-121
Corequisites: None
Comments: None

1107
MTWTh 08:00a-11:35a Allen, M IAC-108
Corequisites: None
Comments: None

6124
MTWTh 05:00p-08:35p Estrada, A IAC-120
Corequisites: None
Comments: None

Los Banos Campus
4760
MTWTh 11:45a-03:20p Wynne, C LB-B-112
Corequisites: None
Comments: None
### Vocational Nursing (VOCN)

**VOCN-46A Applied Mathematics for Pharmacology**
- 1.0 units: 1.0 hours lec.
- Prerequisite: Take ENGL-01A; Take MATH-A or MATH-81; Minimum grade C,P;
- This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included. Completion of this course requires accurate interpretation of doctors orders, reading medication bottles, calculating drug dosages, and the reason for their application.

**Merced Campus**
9064

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9064</td>
<td>10:00a-11:50a</td>
<td>Cazares, K</td>
<td>AHC-125</td>
</tr>
</tbody>
</table>

**Comments:** Section 9064 is held from 06/11/19 to 06/27/19 and has a web component which will require you to have internet access.

### Welding Technology (WELD)

**WELD-07 Fundamentals of TIG & MIG Welding**
- 3.0 units: 2.0 hours lec 3.0 hours lab.
- Prerequisite: Take WELD-53;
- This course emphasizes the development of minimum skill standards in welding. The Gas Metal Arc Welding (GMAW)/(MIG), Gas Tungsten Arc Welding (GTAW)/(TIG) and Plasma Arc Cutting (PAC) processes are studied as prescribed in the American Welding Society (AWS) Training Qualification (QC 10) entry level standards.

**Merced Campus**
9125

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>9125</td>
<td>08:00a-02:20p</td>
<td>Russell, C</td>
<td>PS-2</td>
</tr>
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<td></td>
<td>08:00a-02:20p</td>
<td>Russell, C</td>
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</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 9125 is held 05/28/19 to 06/27/19. Section 9125 to include a 30 minute lunch.

**Los Banos Off-Campus**
8798

<table>
<thead>
<tr>
<th>Section</th>
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<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>8798</td>
<td>05:30p-09:05p</td>
<td>Xiong, F</td>
<td>OFLL-HBPG</td>
</tr>
<tr>
<td></td>
<td>05:30p-09:05p</td>
<td>Xiong, F</td>
<td>OFLL-HBPG</td>
</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 8798 is held from 06/10/19 to 07/18/19. Section 8798 is held at the Hacienda Business Park; 60 G Street, Suites A and B; Los Banos.

**WELD-40A Intro Welding Design & Construction**
- 3.0 units: 2.0 hours lec 3.0 hours lab.
- Prerequisite: Take Weld-07. Minimum Grade C,P;
- This course covers basic metal fabrication skills as well as the design and construction of special industrial and agricultural equipment.

**Merced Campus**
9126

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9126</td>
<td>08:00a-02:30p</td>
<td>Scroggins, B</td>
<td>PS-2</td>
</tr>
<tr>
<td></td>
<td>08:00a-02:30p</td>
<td>Scroggins, B</td>
<td>PS-2</td>
</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 9126 is held 07/02/19 to 08/01/19. Section 9126 to include a 30 minute lunch.

**WELD-51 Introductory Pipe Welding**
- 2.0 units: 1.0 hours lec 3.0 hours lab.
- Prerequisite: Take MECH-06 or WELD-06. Take WELD-07. Minimum grade C,P;
- This course is an introduction to pipe and tube fitting and welding. Industry standards established by the American Welding Society (AWS) and the American Petroleum Institute (API) are used as the basis for instruction. This course meets the needs of the food processing and liquid/gas material handling industries.

**Merced Campus**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9075</td>
<td>05:00p-09:20p</td>
<td>Russell, C</td>
<td>PS-2</td>
</tr>
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<td>05:00p-09:20p</td>
<td>Russell, C</td>
<td>PS-2</td>
</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 9075 is held 05/28/19 to 06/27/19.

**WELD-52 Advanced Pipe Welding and Fitting**
- 2.0 units: 1.0 hours lec 3.0 hours lab.
- Prerequisite: Take WELD-51; Minimum grade C,P;
- This course covers advanced welding processes and welding positions as well as covering advanced skills in pipe and tube fitting. This course covers advanced food processing and liquid/gas material handling industry topics.

**Merced Campus**
9076

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9076</td>
<td>05:00p-09:50p</td>
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<td>PS-2</td>
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<td></td>
<td>05:00p-09:50p</td>
<td>Russell, C</td>
<td>PS-2</td>
</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 9076 is held 07/02/19 to 08/01/19.

### Work Experience (WORK)

**WORK-40 General Work Experience**
- 1.0 units: 3.0 hours lec.
- Prerequisite: None
- This course will enable students to earn college credit for learning or improving skills or knowledge while working. Any type of work is suitable, either paid or volunteer. This course will allow students to sample an experience in a career field that is not related to the student's major. A student may not enroll in any more than 16 units of any cooperative work experience course at Merced College. Seventy-five hours of cooperative work experience (or 60 hours volunteer work) equals 1 unit of cooperative work experience credit.

**Merced Campus**
3001

<table>
<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>3001</td>
<td>Pimentel, M</td>
<td></td>
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</table>

**Corequisites:** None

**Comments:** None

<table>
<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>3002</td>
<td>Pimentel, M</td>
<td></td>
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**Corequisites:** None

**Comments:** None

<table>
<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>3003</td>
<td>Pimentel, M</td>
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</table>

**Corequisites:** None

**Comments:** None

<table>
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<tr>
<th>Section</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>3004</td>
<td>Pimentel, M</td>
<td></td>
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</tbody>
</table>

**Corequisites:** None

**Comments:** None

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

WC - Web Component which will require you to have internet access.

SI - Supplemental Instruction
Online Classes

Administrative Office Mgmt (AOM)
AOM-30 Introduction to Computer Applications
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

Online
2990
Staff, M Online Staff, M
Corequisites: None
Comments: CONTACT: TBD

Business (BUS)
BUS-10 Introduction to Business
3.0 units: 3.0 hours lec.
Prerequisite: None
This survey course is an overview of all aspects involved in business. It covers economic foundations, types of business organizations, marketing, money and banking, and finance. This information will be integrated and related to social, political, legal, and international matters affecting the United States.

Online
2903
Haugen, A Online
Corequisites: None
Comments: CONTACT: haugen.a@mccd.edu for course-specific questions.

Child Development (CLDV)
CLDV-01 Child Growth and Development
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-80A or ENGL-80AC; Minimum grade C,P;
This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Online
2437
Bluett-Murphy, V Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

CLDV-02 Child, Family and Community
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-80A or ENGL-80AC; Minimum grade C,P;
An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted.

Online
2416
Bluett-Murphy, V Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

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

Online
2440
Snider, B Online
Corequisites: None
Comments: CONTACT: snider.b@mccd.edu for course related questions.

CLDV-06 Teaching in A Diverse Society
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85A or ENGL-85AC or ENGL-85E; Minimum grade C,P;
This course examines societal and personal attitudes, beliefs, values, assumptions and biases about culture, language, identity, family structures, ability, and socioeconomic status. Students will demonstrate strategies for helping children negotiate and resolve conflicts with a focus on using an anti-bias approach in the classroom.

Online
2446
Patton, M Online
Corequisites: None
Comments: CONTACT: marvin.patton@mccd.edu for course related questions.

CLDV-09 Human Development
3.0 units: 3.0 hours lec.
Prerequisite: None
Advisory: ENGL-A. This course is an introduction to the scientific study of human development from conception through death. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.

Online
2416
Bluett-Murphy, V Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

$ - Requires online assignments. Additional fees may apply. For specific text/access code please see your instructor.
SI - Supplemental Instruction
WC - Web Component which will require you to have internet access.

Online/Hybrid Classes. See page 63 for details.
ECON-01 Introduction to Microeconomics
3.0 units: 3.0 hours lec .
Prerequisite: Take Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A and MATH-81; Minimum Grade C,P;
ECON-01 is an introductory course in microeconomic theories including maximization, benefit versus cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

Online
2909
Carter, J Online
Corequisites: None
Comments: 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.

ECON-02 Introduction to Macroeconomics
3.0 units: 3.0 hours lec .
Prerequisite: Complete each group: Group 1: ECON-01 or AGBS-11; Group 2: ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Group 3: MATH-81 MATH-88 MATH-62 MATH-61 or MATH-C; Minimum Grade C,P;
ECON-02 is an introductory course in macroeconomic theories including the determination of income, output, employment, and prices in the economy; the monetary system; governmental fiscal, monetary, and income policies; economic growth; international trade; and economic development.

Online
2910
Carter, J Online
Corequisites: None
Comments: 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.

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

Online
2941
Fries, M Online
Corequisites: None
Comments: 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.

2445
Toconis, M Online
Corequisites: None
Comments: CONTACT: sean.toconis@endomediag.com Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A-5007. This is a noncredit class; therefore, there are no fees for this class and attendance is optional.

2491
Chavez, C Online
Corequisites: None
Comments: CONTACT: chavez.c@mccd.edu Enrolling in an English (ENGL) class will automatically enroll you in EUN-112A-5007. This is a noncredit class; therefore, there are no fees for this class and attendance is optional.

2521
Epstein-Corbin, S Online
Corequisites: None
Comments: CONTACT: chavez.c@mccd.edu Enrolling in an English (ENGL) class will automatically enroll you in EUN-112A-5007. This is a noncredit class; therefore, there are no fees for this class and attendance is optional.

2911
Carter, J Online
Corequisites: None
Comments: 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.

2913
Fries, M Online
Corequisites: None
Comments: 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.

2931
Golddeen, P Online
Corequisites: None
Comments: 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ENGL-01B</td>
<td>Introduction to Literature</td>
<td>3.0</td>
<td>3.0</td>
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<tr>
<td>HIST-17A</td>
<td>US History/US Constitution</td>
<td>3.0</td>
<td>3.0</td>
<td>None</td>
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<tr>
<td>GUID-30</td>
<td>Foundations and Strategies For College Success</td>
<td>3.0</td>
<td>3.0</td>
<td>None</td>
</tr>
<tr>
<td>GUID-54</td>
<td>Foundations and Strategies for Academic Recovery</td>
<td>3.0</td>
<td>3.0</td>
<td>None</td>
</tr>
</tbody>
</table>

Additional fees may apply. For specific text/access code please see your instructor.
HIST-17B US History & California State & Local Government
3.0 units: 3.0 hours lec .
Prerequisite: None
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
2423
Jackson, M Online
Corequisites: None
Comments: CONTACT: For course-specific questions contact marvin.jackson@mccd.edu. For additional information and technical assistance to log into online classes, contact www. mccd.edu/myhelp/ or call (209) 381-6565.

2494
Cook, J Online
Corequisites: None
Comments: CONTACT: james.cook@mccd.edu

2495
Cook, J Online
Corequisites: None
Comments: CONTACT: james.cook@mccd.edu

Mathematics (MATH)

MATH-10 Elementary Statistics
3.0 units: 3.0 hours lec .
Prerequisite: Previously taken MATH-C or MATH-D or MATH-88 or MATH-61 or MATH-62 and passed with a minimum grade of C; OR Concurrently enrolled in MATH-95S.
Advisory: ENGL-A. This course covers descriptive statistics, including organization and presentation of data; elementary probability including permutations, combinations, binomial and normal distributions; inferential statistics, including random sampling, hypothesis testing, regression, and correlation and chi-square distribution.

Online
2401
L Online
Diaz, L
Corequisites: None
Comments: CONTACT: lisa.diaz@mccd.edu ORIENTATION: MANDATORY: June 10, 2019; 03:30p-05:20p; SCI-207. IN-CLASS SESSIONS: MANDATORY - Mid-Term #1 - June 20, 2019; 03:30p-05:20p; SCI-207. MANDATORY - Mid-Term #2 - July 03, 2019; 03:30p-05:20p; SCI-207. MANDATORY - Final Exam - July 18, 2019; 03:30p-05:20p; SCI-207. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

2919
Bruley, M Online
Corequisites: None
Comments: CONTACT: bruley.m@mccd.edu; SCI-213 IN-CLASS SESSIONS: MANDATORY - Exam #1 - June 19, 2019; 03:30p-05:20p; SCI-202. Exam #2 - July 03, 2019; 03:30p-05:20p; SCI-202. Exam #3 - July 17, 2019; 03:30p-05:20p; SCI-202. COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class and are expected to log into the course by June 13, 2019, and complete the orientation assignment or risk being withdrawn from the course. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Kinesiology (KINE)

KINE-35 Flexibility and Cardiovascular Fitness
2.0 units: 3.0 hours lec 6.0 hours lab.
Prerequisite: None
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.
MATH-25 Trigonometry
3.0 units: 3.0 hours lec.
Prerequisite: Take MATH-C or MATH-61; Minimum grade C,CR;
This course is a review of right triangle geometry, real numbers, functions
and graphs, trigonometric functions and their graphs, identities, inverse
trigonometry functions, solve trigonometric equations, solve right triangles,

Online
2402
M Online Sutterfield, 
Corequisites: None
Comments: CONTACT: mark.sutterfield@mccd.edu ORIENTA-
TION: MANDATORY: June 10, 2019; 03:30p-05:20p; SCI-203.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 27, 2019; 03:30p-05:20p; SCI-203. MANDATORY - Final Exam - July 18, 2019; 03:30p-05:20p; SCI-203. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

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

Online
2901
M Online Albert, 
Corequisites: None
Comments: CONTACT: maria.albert@mccd.edu ORIENTA-
IN-CLASS SESSIONS: MANDATORY - Final Exam - July 16, 2019; 12:30p-01:50p; SCI-110. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

MATH-80 Prealgebra
4.0 units: 4.0 hours lec.
Prerequisite: None
Advisories: ENGL-81, ENGL-81L. This course covers the real number system and operations of addition, subtraction, multiplication, and division including whole numbers, integers, decimals, fractions and application problems involving percents, ratios, proportions, and square roots. It also covers real world application problems, formulas, measurement concepts, and an introduction to algebra including addition, subtraction, and multiplication of algebraic expressions.

Online
2409
Rieg, K Online
Corequisites: None
Comments: CONTACT: kristen.rieg@mccd.edu IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 27, 2019; 10:00a-11:50a; SCI-207. MANDATORY - Final Exam - July 18, 2019; 10:00p-11:50a; SCI-207. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Online
2436
P Online Mitchell, 
Corequisites: None
Comments: CONTACT: patrick.mitchell@mccd.edu ORI-
ENTATION: MANDATORY: June 10, 2019; 03:30p-05:20p; SCI-202. IN-CLASS SESSIONS: MANDATORY - Mid-Term - July 1, 2019; 03:30p-05:20p; SCI-202. MANDATORY - Final Exam - July 18, 2019; 03:30p-05:20p; SCI-202. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.

Online
2438
J Online Montoya, 
Corequisites: None
Comments: CONTACT: montoya.j@mccd.edu; (209) 386-6654 ORI-
ENTATION: MANDATORY: June 10, 2019; 12:30p-01:50p; SCI-110. IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 27, 2019; 12:30p-01:50p; SCI-110. MANDATORY - Final Exam - July 18, 2019; 12:30p-01:50p; SCI-110. COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students. Enrolling in a math course will automatically enroll you in a noncredit learning resource lab (EDU-112B-5001). There are no fees for this lab and attendance is optional.
ONLINE CLASSES

NUTRITION (NUTR)

**Nutrition (NUTR-10)**

- **Course Title:** Nutrition
- **Units:** 3.0
- **Description:** This course presents an in-depth study of the essential nutrients and their functions, and the chemical composition of foods and their utilization in the body. It includes discussion on the nutritional values of foods, current topics in nutrition and nutritional needs throughout the life cycle. The relationship between diet and diseases will also be covered. **Advisory:** MATH-80

**Online**

- **CRN:** 2447
- **Instructor:** Cronk, L
- **Location:** Online
- **Corequisites:** None
- **Comments:** Section 2447 is held 06/10/19 to 07/18/19. CONTACT: cronn.l@mccd.edu ORIENTATION: MANDATORY:
  - *Tuesday, June 11, 2019: 05:00p-06:50p; AHC-139.
  - *IN-CLASS SESSIONS: MANDATORY - Mid-Term - Tuesday, July 2, 2019; 05:00p-06:50p; VOC-37.
  - *MANDATORY - Final Exam - Tuesday, July 16, 2019; 05:00p-06:50p; VOC-37.

**Philosophy (PHIL)**

**PHIL-13 Critical Reasoning & Writing**

- **Course Title:** Critical Reasoning & Writing
- **Units:** 3.0
- **Prerequisite:** Take ENGL-01A Minimum grade C,P
- **Description:** This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

**Online**

- **CRN:** 2224
- **Instructor:** Kahlert, S
- **Location:** Online
- **Corequisites:** None
- **Comments:** Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A. This is a noncredit class; therefore, there are no fees for this class and attendance is optional. Section 2224 requires a web component which will require you to have internet access. Some examples of use are:
  1) homework
  2) syllabi
  3) testing
  4) research
  5) assignments.
- **Contact:** For course specific questions, contact shirley.kahlert@mccd.edu

- **CRN:** 2498
- **Instructor:** Chavez, C
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: chavez.c@mccd.edu

- **CRN:** 2927
- **Instructor:** Piro, V
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: For course specific questions, contact piro.v@mccd.edu

- **CRN:** 2929
- **Instructor:** Epstein-Corbin, S
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: For course specific questions, contact sean.epstein-corbin@mccd.edu

**Political Science (POSC)**

**POSC-01 Essentials of American Political System**

- **Course Title:** Essentials of American Political System
- **Units:** 3.0
- **Prerequisite:** None
- **Description:** 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 requirements.

**Online**

- **CRN:** 2403
- **Instructor:** Mayate-Deandrei, L
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: Laura.mayate-deandre@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

- **CRN:** 2499
- **Instructor:** Gardner, J
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: jennifer.gardner@mccd.edu

**Psychology (PSYC)**

**PSYC-01A Introduction to Psychology**

- **Course Title:** Introduction to Psychology
- **Units:** 3.0
- **Prerequisite:** None
- **Description:** 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**

- **CRN:** 2424
- **Instructor:** Bera, S
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: stephan.bera@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

- **CRN:** 2425
- **Instructor:** Bera, S
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: stephan.bera@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.

**PSYC-09 Human Development**

- **Course Title:** Human Development
- **Units:** 3.0
- **Prerequisite:** None
- **Description:** 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**

- **CRN:** 2417
- **Instructor:** Bluett-Murphy, V
- **Location:** Online
- **Corequisites:** None
- **Comments:** CONTACT: victoria.bluett-murp@mccd.edu for course related questions.
PSYC-22 Human Sexuality
3.0 units: 3.0 hours lec.
Prerequisite: None
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

2420
Bluett-Murphy, V Online
Corequisites: None
Comments: CONTACT: victoria.bluett-murp@mccd.edu for course related questions.

2426
Clifford, J Online
Corequisites: None
Comments: 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.

2427
Clifford, J Online
Corequisites: None
Comments: 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.

SOC-03 Marriage and the Family
3.0 units: 3.0 hours lec.
Prerequisite: None
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

2302
Olson, K Online
Corequisites: None
Comments: CONTACT: kurt.olson@mccd.edu for course-specific questions. For additional information and technical assistance to log into online classes, contact www.mccd.edu/myhelp/ or call (209) 381-6565.
Short Term Classes

Allied Health (ALLH)

ALLH-67 Medical Terminology
3.0 units: 3.0 hours lec.
Prerequisite: None
Advisory: ENGL-A. This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

Merced Campus
1582
MTW 09:00a-12:20p Provencio, G AHC-139
Corequisites: None
Comments: Section 1582 is held from 06/10/19 to 07/10/19 and has a web component which will require you to have internet access.

Communication Studies (COMM)

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

Merced Campus
9014
MTWTh 08:00a-12:15p Ward, M IAC-121
Corequisites: None
Comments: Section 9014 is held from 07/01/19 to 07/18/19.

9408
MTWTh 08:00a-12:15p Bonstein, J IAC-121
Corequisites: None
Comments: Section 9418 is held from 06/10/19 to 06/27/19.

COMM-05 (Interpersonal Communication)
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A(7992) or ENGL-01A(7994); Minimum grade C,P;
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.

Merced Campus
9112
MTWTh 08:00a-12:15p Young, J IAC-109
Corequisites: None
Comments: Section 9112 is held from 06/10/19 to 06/27/19.

History (HIST)

HIST-04A World History Part 1
3.0 units: 3.0 hours lec.
Prerequisite: None
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.

Merced Campus
9108
MTWTh 12:30p-05:05p Lorenz, M VOC-8
Corequisites: None
Comments: None

Management (MGMT)

MGMT-50I Attitude in the Workplace
0.5 units: 0.5 hours lec.
Prerequisite: None
This course is designed to provide students with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

Merced Off-Campus
9707
W 08:00a-05:15p Pistoressi, P OFML-MERCY
Corequisites: None
Comments: Off Site Location: Mercy Medical Center - 333 Mercy Ave., Merced, CA 95340. Section 9707 is held 06/19/19.

MGMT-50K Generational Diversity: Managing Cross Generational Teams
0.5 units: 0.5 hours lec.
Prerequisite: None
America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

Merced Campus
9706
W 08:00a-05:15p Pistoressi, P BRC-123
Corequisites: None
Comments: Section 9706 to be held 06/12/19.

MGMT-51G Stress Management & Counseling
0.5 units: 0.5 hours lec.
Prerequisite: None
This course is designed to acquaint the participant with key elements of stress management. Topics will include the recognition of stress, causes of stress, and the benefits of stress management. Various stress management techniques will be covered. Pass/No Pass only.

Merced Off-Campus
9702
Th 08:00a-12:15p Pistoressi, P BRC-122
Corequisites: None
Comments: Section 9702 is held 06/20/19 and 06/27/19.

9703
Th 01:00p-05:15p Pistoressi, P BRC-122
Corequisites: None
Comments: Section 9703 is held 06/20/19 and 06/27/19.
Vocational Nursing (VOCN)

VOCN-46A  Applied Mathematics for Pharmacology
1.0 units: 1.0 hours lec.
Prerequisite: Take ENGL-01A; Take MATH-A or MATH-81; Minimum grade C,P;
This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included. Completion of this course requires accurate interpretation of doctors order, reading medication bottles, calculating drug dosages, and the reason for their application.

Merced Campus

9064
T/TH 10:00a-11:50a Cazares, K AHC-125
Corequisites: None
Comments: Section 9064 is held from 06/11/19 to 06/27/19 and has a web component which will require you to have internet access.
## Allied Health (ALLH)

**ALLH-63 Nurse Assistant**
- 6.0 units: 3.5 hours lec 7.5 hours lab.
- Prerequisite: None
- The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities. The course emphasizes care of the older adult client, assistance with the activities of daily living, bathing, dressing, exercise movement, eating, eliminating safety measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

### Los Banos Campus

<table>
<thead>
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<th>Section</th>
<th>Instructor</th>
<th>Time</th>
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<tr>
<td>4036</td>
<td>M</td>
<td>Marshall, C</td>
<td>08:00a-04:00p</td>
<td>LB-B-138</td>
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<td></td>
<td></td>
<td>Marshall, C</td>
<td>07:30a-03:15p</td>
<td>LB-B-138</td>
</tr>
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</tbody>
</table>

**Corequisites:** None

**Comments:** ALLH-63 requires a mandatory orientation. Go to [http://www.mccd.edu/alliedhealth/nurse-assistant](http://www.mccd.edu/alliedhealth/nurse-assistant) for more information. Section 4036 is held from 06/10/19-08/19. Section 4036 Lab includes a 30 minute lunch break. Nursing Assistant Lab hours are held at at the New Bethany Skilled Nursing Facility; 1441 Berkeley Dr; Los Banos.

## Communication Studies (COMM)

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

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<tr>
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<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4242</td>
<td>MTW</td>
<td>Cavallero, D</td>
<td>08:00a-10:50a</td>
<td>LB-B-135</td>
</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 4242 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**COMM-04 Small Group Discussion & Problem Solving**
- 3.0 units: 3.0 hours lec.
- Prerequisite: Take ENGL-85 or ENGL-85A or ENGL-85AC or ENGL-85E or ENGL-A or ENGL-01A. Minimum grade C, P;
- This is a course designed to help students develop critical thinking and oral presentation skills for communicating and working together on small group tasks. Emphasis is placed on problem-solving, reasoning, conflict resolution, and leadership.

### Los Banos Campus

<table>
<thead>
<tr>
<th>Code</th>
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<th>Location</th>
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<tbody>
<tr>
<td>4248</td>
<td>MTW</td>
<td>Cavallero, D</td>
<td>02:00p-04:50p</td>
<td>LB-B-135</td>
</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 4248 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

## Education - Non-Credit (EDU)

**EDU-112A Skills Acquisition for Student Success - General**
- 0.0 units: 3.0 hours lec.
- Prerequisite: None
- This course can be taken by enrolled credit students for a maximum of 90 hours per term. The course provides a supervised learning experience for students who can benefit from individualized instruction in study skills and study habits in a laboratory setting. The study skills and study habits learned depend on the needs of the individual students and include educational computer applications, knowledge of college resources, and application of composition skills across the curriculum.

### Los Banos Campus

<table>
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<tr>
<th>Code</th>
<th>Section</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>5007</td>
<td>MTWTh</td>
<td>Mingua-Lopstain, D</td>
<td>07:30a-04:00p</td>
<td>LB-A-110</td>
</tr>
</tbody>
</table>

**Corequisites:** None

**Comments:** Section 5007 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.
**English (ENGL)**

**ENGL-01A College Composition & Reading**
3.0 units: 3.0 hours lec.
Prerequisite: None

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

**Los Banos Campus**
4368
MTWTh 11:00a-01:50p Chavez, C           LB-B-137

Comments: Section 4368 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A-5007. This is a noncredit class; therefore, there are no fees for this class and attendance is optional.

**ENGL-13 Critical Reasoning & Writing**
3.0 units: 3.0 hours lec.
Prerequisite: None

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

**Los Banos Campus**
4400
MTW 08:00a-10:50a Chavez, C           LB-B-137

Comments: Section 4400 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. Enrolling in an English (ENGL) class will automatically enroll you in EDU-112A-5007. This is a noncredit class; therefore, there are no fees for this class and attendance is optional.

**Geography (GEOG)**

**GEOG-02 World Geography**
3.0 units: 3.0 hours lec.
Prerequisite: None

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

**Los Banos Campus**
8456
MTWTh 05:30p-08:20p Gaugler, C           LB-B-110

Comments: None

**History (HIST)**

**HIST-17A US History/US Constitution**
3.0 units: 3.0 hours lec.
Prerequisite: None

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

**Los Banos Campus**
4506
MTW 08:00a-10:50a McNally, T           LB-B-106

Comments: Section 4506 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

**Mathematics (MATH)**

**MATH-10 Elementary Statistics**
3.0 units: 3.0 hours lec.
Prerequisite: None

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

**Los Banos Campus**
4608
MTW 11:00a-03:20p Shumaker, N           LB-B-110

Comments: Section 4608 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments. Enrolling in a MATH class will automatically enroll you in EDU-112B-5001. This is a noncredit learning resource class; therefore, there are no fees for this class and attendance is optional.

**MATH-62 Beginning & Intermediate Algebra For Liberal Arts**
5.0 units: 5.0 hours lec.
Prerequisite: Take MATH-80; Minimum grade C,P; or MATH-61 or MATH-62 and passed with a minimum grade of C; OR Concurrently enrolled in MATH-95S.

Advisory: ENGL-A. This course covers the four basic operations on real numbers and algebraic expressions. Topics include order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, quadratic, variation, geometric, financial, polynomial, exponential, and logarithmic models. This course is designed for non-STEM majors.

**Los Banos Campus**
4592
MTWTh 11:45a-03:20p Staff, M           LB-B-134

Comments: Section 4592 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

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

 WC - Web Component which will require you to have internet access.

SI - Supplemental Instruction

Online/Hybrid Classes. See page 63 for details.
MATH-95S  Statistics Support
1.0 units: 3.0 hours lec 3.0 hours lab.
Prerequisite: Concurrent Enrollment in MATH-10
A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Elementary Statistics.

Los Banos Campus
4610
MTW 02:00p-04:50p Shumaker, N LB-B-110
Corequisites: None
Comments: None

MATH-C  Intermediate Algebra
4.0 units: 4.0 hours lec.
Prerequisite: Take MATH-A or MATH-81. Minimum grade C,P;
This course covers factoring, functions and graphs, solving linear, quadratic, piecewise defined, exponential, and logarithmic equations, rational expressions and equations, complex numbers, and conic sections.

Los Banos Campus
4594
MTWTh 08:00a-10:50a Staff, M LB-B-134
Corequisites: None
Comments: Section 4594 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Music: General (MUSG)

MUSG-14  American Popular Music History
3.0 units: 3.0 hours lec.
Prerequisite: None
This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America. Emphasis is on styles and personalities of folk, blues, jazz, musical theater, country & western, and rock n roll. This course is designed for the non-music major.

Los Banos Campus
4630
MTW 11:00a-01:50p Faria, M LB-B-106
Corequisites: None
Comments: None
8630
MTWTh 05:30p-07:35p Gomes, K LB-B-106
Corequisites: None
Comments: Section 8630 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Philosophy (PHIL)

PHIL-13  Critical Reasoning & Writing
3.0 units: 3.0 hours lec.
Prerequisite: Take ENGL-01A Minimum grade C,P;
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation. Readings feature mostly non-fictional essays and books that reflect diverse cultural and gender perspectives on a variety of contemporary political and social issues, especially those involving race, ethnicity, and gender. ENGL-13/PHIL-13 meets the IGETC critical thinking/composition requirement.

Los Banos Campus
4654
MTW 08:00a-10:50a Chavez, C LB-B-137
Corequisites: None
Comments: Section 4654 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Plant Science (PLSC)

PLSC-10  Elements of Plant Science
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: None
This course is designed to provide the students with a working knowledge of the fundamental structures and processes of plants. Principles to be applied cover plant structures, physiology, heredity, environmental relationship to growth, adaptation, and management of crops. Techniques of research, exploration of plant growth, and identification of economical crops will be included.

Los Banos Campus
4698
MTWTh 08:00a-11:35a Swarth, D LB-B-102
Swarth, D
Corequisites: None
Comments: None

Psychology (PSYC)

PSYC-01A  Introduction to Psychology
3.0 units: 3.0 hours lec.
Prerequisite: None
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, psychological factors, sensation, perception, motivation, learning, thinking, emotion, abnormal behavior, personality, heredity, environment, and social factors.

Los Banos Campus
4702
MTW 02:00p-04:50p Coahran, S LB-B-107
Corequisites: None
Comments: Section 4702 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

PSYC-23  Personal & Social Adjustment
3.0 units: 3.0 hours lec.
Prerequisite: None
This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

Los Banos Campus
4708
MTW 08:00a-10:50a Lemons, S LB-B-111
Corequisites: None

SI - Supplemental Instruction
WC - Web Component which will require you to have internet access.
Sociology (SOC)

SOC-01 Introduction to Sociology
3.0 units: 3.0 hours lec.
Prerequisite: None
This course provides an introduction into what it means to be sociologically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

Los Banos Campus
4732
MTW 08:00a-10:50a Coahran, S    LB-B-107
Corequisites: None
Comments: Section 4732 requires a web component which will require you to have internet access. Some examples of use are: 1) homework 2) syllabi 3) testing 4) research 5) assignments.

Spanish (SPAN)

SPAN-01 Elementary Spanish I
5.0 units: 5.0 hours lec.
Prerequisite: None
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

Los Banos Campus
4760
MTWTh 11:45a-03:20p Wynne, C    LB-B-112
Corequisites: None
Comments: None
Management (MGMT)

MGMT-50C Time Management
0.5 units: 0.5 hours lec.
Prerequisite: None
Advisories: ENGL-81, ENGL-84. This course is designed to introduce the student to time management principles and specific tools that assist in making maximum use of time. Emphasis will be placed on how to prioritize, identifying time wasters, and goal setting. Pass/No Pass only.

Merced Off-Campus

9700
Th 08:00a-12:15p Morse, J BRC-122
Corequisites: None
Comments: Section 9700 is held 07/18/19 and 07/25/19.

9701
Th 01:00p-05:15p Morse, J BRC-122
Corequisites: None
Comments: Section 9701 is held 07/18/19 and 07/25/19.

MGMT-50I Attitude in the Workplace
0.5 units: 0.5 hours lec.
Prerequisite: None
This course is designed to provide students with certain key skills in the area of attitude so that they may effectively maintain a positive attitude in the workplace and at home. Students will be introduced to the concepts of how attitudes are communicated, and how to adjust one's attitude. Pass/No Pass only.

Merced Off-Campus

9707
W 08:00a-05:15p Pistoresi, P OFML-MERCY
Corequisites: None
Comments: Off Site Location: Mercy Medical Center - 333 Mercy Ave., Merced, CA 95340. Section 9707 is held 06/19/19.

Diagnostic Medical Sonography (SONO)

SONO-44B Clinical Experience II
4.5 units: 3.0 hours lec 13.5 hours lab.
Prerequisite: Take SONO-44C
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework to ensure continued competency. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, work efficiency and image evaluation is provided.

Merced Off-Campus

9063
- Lang, K OFML-HOSP
Corequisites: None
Comments: Section 9063 is held from 05/29/19 to 08/07/19 and includes a 30 minute break.

RADT-17B (Advanced Clinical Education II)
7.0 units: 3.0 hours lec 21.0 hours lab.
Prerequisite: None
This course provides clinical experience for reapplication of theoretical principles and concepts covered in previous and current didactic coursework to ensure continued competency. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, work efficiency and image evaluation is provided.

Merced Off-Campus

9074
- Lang, K OFML-HOSP
Corequisites: None
Comments: Section 9074 is held from 05/28/19 to 08/07/19 and includes a 30 minute break.

Welding Technology (WELD)

WELD-07 Fundamentals of TIG & MIG Welding
3.0 units: 2.0 hours lec 3.0 hours lab.
Prerequisite: Take WELD-53
This course emphasizes the development of minimum skill standards in welding. The Gas Metal Arc Welding (GMAW)/(MIG), Gas Tungsten Arc Welding (GTAW)/(TIG) and Plasma Arc Cutting (PAC) processes are studied as prescribed in the American Welding Society (AWS) Training Qualification (QC 10) entry level standards.

Los Banos Off-Campus

8798
MTWTh 05:30p-09:05p Xiong, F OFLL-HBPG
Comments: Section 8798 is held from 06/10/19 to 08/02/19 and includes a 30 minute lunch break.
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SUMMER 2019 SCHEDULE