MERCED COLLEGE STUDENT SERVICES & COUNSELING
MERCED CAMPUS AND LOS BANOS CAMPUS
Summer Hours are subject to change
JUNE 5, 2017 - JULY 27, 2017
Monday, Tuesday, Wednesday, Thursday..... 08:00a-05:00p
SUMMER 2017 EXCEPTIONS:
JUNE 6-7, 2017
Tuesday, Wednesday .................................... 08:00a-07:00p

MERCED COLLEGE STUDENT FEES
MERCED CAMPUS AND LOS BANOS CAMPUS
Summer Hours are subject to change
JUNE 5, 2017 - JULY 27, 2017
Monday, Tuesday, Wednesday, Thursday..... 08:00a-05:00p
SUMMER 2017 EXCEPTIONS:
JUNE 6-7, 2017
Tuesday, Wednesday .................................... 08:00a-06:30p

MERCED COLLEGE STUDENT HEALTH SERVICES
MERCED CAMPUS
JUNE 5, 2017 - JULY 27, 2017
Monday, Tuesday, Thursday ......................... 08:00a-04:30p
Wednesday.................................................. 08:00a-07:00p

TUTORIAL CENTER
The Tutorial Center provides tutoring at no cost to students. The Center provides individual and group tutoring in most subjects and is always staffed with highly-trained peer tutors.
Merced Campus, COM-01
SUMMER 2017 hours
Monday through Thursday
09:00a-11:00a and 01:00p-04:00p

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

OPEN MATH LAB
Merced Campus SCI-201
SUMMER 2017 hours
Monday through Wednesday
10:00a-12:00p and 01:00p-04:00p
Thursday
10:00a-01:00p

<p>|</p>
<table>
<thead>
<tr>
<th>Session Minutes</th>
<th>Number of 10 minutes breaks</th>
<th>Classes will begin and end at the published times. The number of breaks per class is determined by the table.</th>
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<tr>
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<td>350-360</td>
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SUMMER 2017 IMPORTANT DATES

SUMMER 2017 dates for 6 week classes

Summer and Fall 2017 Semester Registration Begins.................................................................April 12, 2017
SUMMER 2017 SEMESTER BEGINS .............................................................................................June 5, 2017
Adds Require Instructor’s Signature beginning first day of the term ...........................................June 5, 2017
Refund Deadline for for all classes, you must drop before 10% of the class meetings..............Before 10% of the class meetings
Last Chance to Drop with No Entry on Transcripts for 6 week Classes meeting MTWTh in person.................................................................June 8, 2017
For all other classes, you must drop the day before 20% of the class meetings.
Instructional Dean signature required...........................................................................................June 8, 2017
Pass/No Pass Option Deadline for 6 week classes meeting MTWTh..............................................June 14, 2017
Last Chance to Drop with a “W” for 6 week classes meeting MTWTh........................................July 5, 2017
For all other classes, you must drop the day before 75% of the class meetings.
Independence Day Observed - CAMPUS CLOSED .........................................................................July 4, 2017
End 6 week Summer Session ........................................................................................................July 13, 2017

SUMMER 2017 dates for 8 week classes

Summer and Fall 2017 Semester Registration Begins.................................................................April 12, 2017
SUMMER 2017 SEMESTER BEGINS .............................................................................................June 5, 2017
Adds Require Instructor’s Signature beginning first day of the term ...........................................June 5, 2017
Refund Deadline for for all classes, you must drop before 10% of the class meetings..............Before 10% of the class meetings
Last Chance to Drop with No Entry on Transcripts for 8 week Classes meeting MTWTh.............June 12, 2017
For all other classes, you must drop the day before 20% of the class meetings.
Instructional Dean signature required...........................................................................................June 8, 2017
Pass/No Pass Option Deadline for 8 week classes meeting MTWTh..............................................June 14, 2017
Last Chance to Drop with a “W” for 8 week classes meeting MTWTh........................................July 18, 2017
For all other classes, you must drop the day before 75% of the class meetings.
Independence Day Observed - CAMPUS CLOSED .........................................................................July 4, 2017
End 8 week Summer Session ........................................................................................................July 27, 2017

SUMMER 2017 FEES

Enrollment fees are due at the time of registration. Payments can be made online through the Merced College student portal at www.mccd.edu/makeapayment or in person at the campus Student Fees office. The Student Fees office is located on the 3rd floor of the 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 ......................................................................................................................... $208.00 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.
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 12, 2017 | Students who are qualifying Foster Youth or former Foster Youth, or Homeless Youth at Merced College OR Students who are qualifying Veterans, or students who are receiving services from EOPS, DSPS or CalWORKs 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 2 | Registration begins | Monday April 17, 2017 | 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 3 | Registration begins | Monday April 24, 2017 | 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 4 | Registration begins | Monday May 1, 2017 | 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 |
| GROUP 5 | Registration begins | Monday May 15, 2017 | 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.) |

1For 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.
**ADMINISTRATIVE OFFICE MANAGEMENT (AOM)**

**AOM-30 COMPUTER APPLICATIONS (ALSO: CPSC-30)**
- [CILC areas A,B,C,D,E,F,G]
- 3 units: 2 hours lecture, 3 hours lab.
- Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWPM); ENGL-84A; MATH-80.
- This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

**MERCED**

- 1041 MTWTh 07:00a-10:35a Ahmadi A VOC-113

**AOM-50A KEYBOARDING**

- 1 unit: 5 hour lecture, 1.5 hours lab.
- Advisories: ENGL-84A.
- This course includes development of basic computerized keyboarding techniques by touch, and speed and accuracy.

**MERCED**

- 1994 $ TWTh 10:00a-11:50a Downing S VOC-115

**AOM-52A KEYBOARDING SPEED AND ACCURACY**

- 1 unit: 5 hour lecture, 1.5 hours lab.
- Advisories: Know the qwerty enhanced keyboard and be able to key at least 22 wpm with 85% accuracy; ENGL-84A.
- This course is designed to increase keyboarding speed and accuracy through the use of individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy.

**MERCED**

- 1995 $ TWTh 12:00p-01:50p Blackmore C VOC-115

**ALLIED HEALTH (ALLH)**

**ALLH-60 NURSE ASSISTANT**

- 5.5 units: 3 hours lecture, 7.5 hours lab.
- Limitation on enrollment: Orientation workshop; CPR card - Module A/C; negative TB screening test within past 6 months or negative chest x-ray within past year; DOJ fingerprint clearance; Penal Code Violations clearance. Advisories: ENGL-84A.
- 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 California Department of Public Health requirements for eligibility to take the Nursing Assistant Certification examination.

**MERCED**

- 9055 M 08:00a-02:20p Reid E HOSP
- & TW 07:30a-03:35p Reid E AHC-130

Section 9055 is held from 06/05/17 to 08/02/17.

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.

**ALLH-67 MEDICAL TERMINOLOGY**

- 3 units: 3 hours lecture.
- Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
- 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**

- 9056 M 08:00a-02:20p Reid E AHC-130
- & TW 07:30a-03:35p Dickens A HOSP

Section 9056 is held from 06/05/17 to 08/02/17.

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.

**ALLH-70 MEDICAL TERMINOLOGY**

- 3 units: 3 hours lecture.
- Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
- 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**

- 9060 M 08:00a-02:20p Dickens A AHC-128
- & ThF 07:30a-03:15p Dickens A HOSP

Section 9760 is held from 06/05/17 to 08/04/17.

Section 9762 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.

**ALLH-72 MEDICAL TERMINOLOGY**

- 3 units: 3 hours lecture.
- Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
- 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**

- 9762 M 08:00a-02:50p Dickens A AHC-128
- & ThF 07:30a-03:15p Reid E HOSP

Section 9762 is held from 06/05/17 to 08/04/17.

Section 9762 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.

**ALLH-80 MEDICAL TERMINOLOGY**

- 3 units: 3 hours lecture.
- Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
- 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**

- 1009 MW 12:30p-04:50p Staff ART-7

**ASLG-01 BEGINNING AMERICAN SIGN LANGUAGE**

- 3 units: 3 hours lecture.
- Prerequisite/Advisory: None.
- This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

**MERCED**

- 1009 MW 12:30p-04:50p Staff ART-7

**ASLG-02 INTERMEDIATE AMERICAN SIGN LANGUAGE**

- 3 units: 3 hours lecture.
- Prerequisite: ASLG-01.
- This course provides intermediate practice understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

**MERCED**

- 1582 WC TWTh 11:00a-01:50p Provencio G AHC-139

**AMERICAN SIGN LANGUAGE (ASLG)**

**ASLG-01 BEGINNING AMERICAN SIGN LANGUAGE**

- 3 units: 3 hours lecture.
- Prerequisite/Advisory: None.
- This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

**MERCED**

- 1009 MW 12:30p-04:50p Staff ART-7

**ASLG-02 INTERMEDIATE AMERICAN SIGN LANGUAGE**

- 3 units: 3 hours lecture.
- Prerequisite: ASLG-01.
- This course provides intermediate practice understanding and signing American Sign Language and appreciating the basic elements of the deaf culture.

**MERCED**

- 1235 MW 08:00a-12:15p Staff ART-7

**ANTHROPOLOGY (ANTH)**

**ANTH-02 SOCIOCULTURAL ANTHROPOLOGY**

- (C-ID ANTH 120) (CSU breadth area D) (IGETC area 4)
- 3 units: 3 hours lecture.
- Advisories: ENGL-85A or ENGL-85AC or ENGL-85E.
- 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.

**MERCED**

- 1050 MTWTh 10:15a-12:20p Gaugler C IAC-110
ART (ART)

ART-02 ART HISTORY: RENAISSANCE THROUGH 20TH CENTURY
(CSU breadth area C1) (IGETC area 3A)
3 units: 3 hours lecture.
Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E. Advisory: ENGL-01A.
This course is a survey that examines the historical context of humanity through the development of art, architecture, sculpture, painting and the applied arts from the Renaissance to the 20th Century.

MERCED
1019 MTWTh 10:15a-12:20p Serpa B ART-1
LOS BANOS
9942 MTWTh 09:00a-11:30a Cooper T LB-B-112

ART-24A FUNDAMENTALS OF DRAWING
(C-ID ARTS 110)
3 units: 2 hours lecture, 3 hours lab.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This studio survey course introduces the principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media.

MERCED
1007 MTWTh 01:30p-05:05p Serpa B ART-6
LOS BANOS
4092 MTWTh 12:00p-03:35p Donovan M LB-B-101

ART-24B INTERMEDIATE DRAWING
(C-ID ARTS 205)
3 units: 2 hours lecture, 3 hours lab.
Prerequisite: ART-24A.
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.

MERCED
1011 MTWTh 01:30p-05:05p Serpa B ART-6
LOS BANOS
4094 MTWTh 12:00p-03:35p Donovan M LB-B-101

ASTRONOMY (ASTR)

ASTR-01 PRINCIPLES OF ASTRONOMY
(CSU breadth area B1) (IGETC area 5A)
3 units: 3 hours lecture.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

MERCED
1008 MTWTh 08:00a-10:05a Dahal J SCI-208

ATHLETICS (ATHL)

ATHL-02D OFF-SEASON CONDITIONING FOR FOOTBALL
(CSU breadth area E)
1 unit: 54 total hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning course that requires coach’s or academic athletic adviser’s signature.
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of football. This course may be repeated to meet requirements for CCCAA eligibility.

MERCED
1565 MTWTh 08:00a-10:05a Casey R STAD
1102 MTWTh 09:00a-11:05a Halpin W POOL
9080 WC TWTh 08:00a-10:50a Casey J GYM-1

ATHL-02I OFF-SEASON CONDITIONING FOR TRACK AND FIELD
(CSU breadth area E)
1 unit: 54 total hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning course that requires coach’s or academic athletic adviser’s signature.
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of track and field.

MERCED
9303 MTWTFS 04:00p-06:05p Casey R STAD
Section 9303 is held from 07/17/17 to 08/12/17.

ATHL-02K OFF-SEASON CONDITIONING FOR SOFTBALL
(CSU breadth area E)
1 unit: 54 total hours lab.
Limitation on enrollment: This is a varsity team off-season conditioning course that requires coach’s or academic athletic adviser’s signature.
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of softball.

MERCED
6915 MTWTh 05:30p-07:35p McGhee S SBF

ATHL-03 ATHLETIC CONDITIONING
1 unit: 54 total hours lab.
Limitation on enrollment: This is a varsity athletic team conditioning course that requires coach’s or academic athletic adviser’s signature.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This class is designed to prepare athletes for athletic competition. Different training techniques will be used including: functional training, core training, plyometrics, and strength training. Multiple workouts are required per week. This course may be repeated three times.

MERCED
1066 MTWTh 01:00p-03:05p Casey R STAD
1102 MTWTh 09:00a-11:05a Halpin W POOL
9080 WC TWTh 08:00a-10:50a Casey J GYM-1

ATHL-36D THEORY AND ANALYSIS OF TRACK AND FIELD
1 unit: 54 total hours lab.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course presents the fundamental knowledge of track and field through techniques of lecture, discussions, and video/DVD analysis.

MERCED
1247 MTW 10:15a-11:05a Foy L AG-10

BIOLOGY (BIOL)

BIOL-01 GENERAL BIOLOGY FOR NON-MAJORS
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Limitation on enrollment: This course is not open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E.
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
1550 MTWTh 10:15a-12:20p Goodfellow K SCI-111
1551 MTWTh 08:00a-10:05a Goodfellow K SCI-112
1552 MTWTh 12:30p-02:35p Goodfellow K SCI-111
1914 MTWTh 10:15a-12:20p Goodfellow K SCI-111
6114 MTWTh 05:30p-07:35p Velazquez A SCI-208
& MTWTh 07:45p-09:50p Velazquez A SCI-112

LOS BANOS
4138 TWTh 09:00a-11:50a Velazquez A LB-B-104
& MTWTh 01:00p-03:50p Velazquez A LB-B-102

Summer 2017
BIOLOGY (BIOLOGY)

BIO-02 HUMAN BIOLOGY
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: BIOL-01 or BIOL-02 or BIOL-04A; ENGL-85A or ENGL-85AC or ENGL-85E.
This course is an introduction to the principles of biology with an emphasis on humans. This course is recommended for allied health students.

MERCED
1072 MTW 11:00a-1:50p Coburn C SCI-203
& MTW 08:00a-10:50a Coburn C SCI-115
1073 MTW 11:00a-1:50p Coburn C SCI-203
& MTW 02:00p-4:50p Coburn C SCI-115

BIO-16 GENERAL HUMAN ANATOMY
(C-ID BIOL 110B) (CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 2 hours lecture, 6 hours lab.
Prerequisite: BIOL-01 or BIOL-02 or BIOL-04A; ENGL-85A or ENGL-85AC or ENGL-85E.
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.

MERCED
9077 $ MTW 11:20a-12:35p Estrella C SCI-202
& MTWTh 08:00a-11:10a Estrella C SCI-116
Section 9077 is held from 06/05/17 to 07/27/17.
9078 $ MTW 11:20a-12:35p Estrella C SCI-202
& MTWTh 01:00p-04:10p Estrella C SCI-116
Section 9078 is held from 06/05/17 to 07/27/17.

BIO-18 PRINCIPLES OF PHYSIOLOGY
(C-ID BIOL 120B) (CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisites: BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; CHEM-02A; ENGL-85A or ENGL-85AC or ENGL-85E; MATH-C.
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
1620 $ MTWTh 10:15a-12:20p Igo M SCI-208
& MTW 08:00a-10:50a Igo M SCI-113
1902 $ MTW 10:15a-12:20p Igo M SCI-208
& MTWTh 12:45p-02:50p Igo M SCI-113

MICROBIOLOGY (MICROBIOLOGY)
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 2 hours lecture, 6 hours lab.
Prerequisites: BIOL-01 or BIOL-02 or BIOL-04A; CHEM-02A; ENGL-85A or ENGL-85AC or ENGL-85E.
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.

MERCED
9079 $ MTW 11:20a-12:35p Vierra S SCI-207
& MTWTh 08:00a-11:10a Vierra S SCI-114
Section 9079 is held from 06/05/17 to 07/27/17.
9081 $ MTW 11:20a-12:35p Vierra S SCI-207
& MTWTh 01:00p-04:10p Vierra S SCI-114
Section 9081 is held from 06/05/17 to 07/27/17.
### COMMUNICATION STUDIES (COMM)

**COMM-01 FUNDAMENTALS OF SPEECH**
(C-ID COMM 110) (CSU breadth area A1) (IGETC area 4)
3 units: 3 hours lecture.
Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**MERCED**
9048 MTWTh 08:00a-12:35p Bonstein J IAC-121
Section 9048 is held from 06/26/17 to 07/13/17.

**LOS BANOS**
9940 MTWTh 12:00p-03:05p Rigby K LB-B-135
Section 9940 is held from 06/05/17 to 06/29/17.

**COMM-05 INTERPERSONAL COMMUNICATION**
(C-ID COMM 130) (CSU breadth area A1)
3 units: 3 hours lecture.
Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E.
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**
9112 MTWTh 08:00a-12:15p Young J IAC-121
Section 9112 is held from 06/05/17 to 06/22/17.

### COMPUTER SCIENCE (CPSC)

**CPSC-30 COMPUTER APPLICATIONS (ALSO: AOM-30)**
[CILC areas A,B,C,D,E,F,G]
3 units: 2 hours lecture, 3 hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); ENGL-84A; MATH-80.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

**MERCED**

### ECONOMICS (ECON)

**ECON-01 INTRODUCTION TO MICROECONOMICS**
(C-ID ECON 201) (IGETC area 4) (CSU breadth area D)
4 units: 4 hours lecture.
Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E; MATH-81.
Advisory: ENGL-01A.
This course is an introductory course in microeconomic theories including maximization, benefit verses cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing.

**ONLINE**
2414 ONLINE Carter J
CONTACT: john.carter1767@mccd.edu.
2446 ONLINE Carter J
CONTACT: john.carter1767@mccd.edu.

### ENGLISH (ENGL)

**ENGL-01A COLLEGE COMPOSITION AND READING**
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A)
4 units: 4 hours lecture.
Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E; MATH-81.
Advisory: ENGL-01A.
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**
2407 ONLINE Epstein-Corbin S
CONTACT: For course-specific questions, contact sean.epstein-corbin@mccd.edu.
2430 ONLINE Epstein-Corbin S
CONTACT: For course-specific questions, contact sean.epstein-corbin@mccd.edu.
2440 ONLINE Toth R
CONTACT: For course-specific questions, contact ryan.toth@mccd.edu.
2441 ONLINE Chavez C
CONTACT: For course-specific questions, contact chavez.c@mccd.edu.

**MERCED**
1589 WC MTWTh 08:00a-10:50a Goldsen P IAC-140
Section 1589 meets in a computerized classroom on scheduled days. See instructors syllabus.
1618 WC MTWTh 08:00a-10:50a Staff IAC-120
1993 WC MTWTh 11:00a-01:50p Brown G IAC-120
1590 WC MTWTh 12:00p-02:50p Zamora J VOC-110
Section 1590 meets in a computerized classroom on scheduled days. See instructors syllabus.
6055 WC MTWTh 05:30p-08:20p Slate R VOC-143
4346 MTWTh 12:00p-02:50p Mingua-Lopstain D LB-B-137

### DRAMA (DRAM)

**DRAM-01 INTRODUCTION TO THEATER**
(C-ID THTR 111) (CSU breadth area C1/C2) (IGETC area 3B)
3 units: 3 hours lecture.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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**
1244 MTWTh 08:00a-10:05a Morriston J IAC-142

### SUMMER 2017
**GEOGRAPHY (GEOG)**

**GEOG-02 WORLD GEOGRAPHY**

(C-ID GEOG 125) (CSU breadth area D) (IGETC area 4)

3 units: 3 hours lecture.

Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.

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.

**MERCED**

1048 MTWth 08:00a-10:05a Gaugler C IAC-106

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**GUIDANCE (GUID)**

**GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS**

(CSU breadth area E)

3 units: 3 hours lecture.

Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.

This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking.

**ONLINE**

2418 ONLINE Soto G

**MERCED**

1800 MTW 08:00a-10:50a Ortega K VOC-139

**LOS BANOS**

4484 TWTh 12:00p-02:50p Serrano Campos T LB-A-105

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**HEALTH (HLTH)**

**HLTH-10 CONTEMPORARY HEALTH**

(CSU breadth area E)

3 units: 3 hours lecture.

Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.

This course surveys the human condition from birth to death. Emphasis is placed on the impact of personal choice throughout life.

**ONLINE**

2904 ONLINE Casey R

Section 2904 is held from 06/05/17 to 07/27/17.

2900 ONLINE Devine N

Section 2900 is held from 06/05/17 to 07/27/17.

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**HISTORY (HIST)**

**HIST-04A HISTORY OF CIVILIZATION: PART I**

(C-ID HIST 150) (CSU breadth area C2/D) (IGETC area 3B)

3 units: 3 hours lecture.

Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.

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 approximately 1650.

**MERCED**

9108 MTWth 12:30p-04:45p Lorenz M VOC-8

Section 9108 is held from 06/05/17 to 06/22/17.

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**GUIDES**

**SUMMER 2017**

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**8 • CLASSES •**

- 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.

Online/Hybrid Classes. See page 61 for details.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<td>KINE-09</td>
<td>ADAPTIVE PHYSICAL EDUCATION</td>
<td>MTWTh</td>
<td>08:00a-10:05a</td>
<td>Kocolas T</td>
<td>VOC-9</td>
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<tr>
<td>KINE-19</td>
<td>WATER POLO</td>
<td>MTWTh</td>
<td>10:15a-11:40a</td>
<td>Huddleston A</td>
<td>GYM-5</td>
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<td>KINE-24A</td>
<td>BEGINNING SWIMMING</td>
<td>MTWTh</td>
<td>12:30p-02:35p</td>
<td>McCall S</td>
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<tr>
<td>KINE-30</td>
<td>GROUP EXERCISE</td>
<td>MTWTh</td>
<td>10:00a-12:05p</td>
<td>McCall S</td>
<td>AG-11</td>
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<tr>
<td>KINE-02</td>
<td>FIRST AID AND CPR FOR THE PROFESSIONAL RESCUE</td>
<td>MTWTh</td>
<td>10:15a-12:20p</td>
<td>Nystrom E</td>
<td>IAC-142</td>
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<tr>
<td>JPNS-01A</td>
<td>ELEMENTARY JAPANESE</td>
<td>MTWTh</td>
<td>10:15a-12:20p</td>
<td>McCall S</td>
<td>POOL</td>
</tr>
<tr>
<td>JPNS-01B</td>
<td>ELEMENTARY JAPANESE</td>
<td>MTWTh</td>
<td>10:15a-12:20p</td>
<td>Johno I</td>
<td>IAC-109</td>
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<tr>
<td>KINE-31</td>
<td>AEROBIC TRAINING</td>
<td>MTWTh</td>
<td>01:00p-02:25p</td>
<td>Kelly P</td>
<td>GYM-5</td>
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</table>

| HIST-17B   | UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT              | MTWTh         | 08:00a-12:20p    | McNally T    | LB-B-106   |
|            |                                                                               |               |                  |              |            |
| KINE-02    | FIRST AID AND CPR FOR THE PROFESSIONAL RESCUE                                 | MTWTh         | 10:00a-12:05p    | McCall S     | AG-11      |

Online/Hybrid Classes. See page 61 for details.
KINE-32 CIRCUIT WEIGHT TRAINING
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
The equipment (single station exercise machines) and routine utilized in the fitness lab are designed to exercise all major muscle groups for a well-rounded fitness program with the non-athletic in mind.

MERCED
9403 MTWTh 08:00a-09:25a Kelly P GYM-5
Section 9403 is held from 06/09/17 to 07/27/17.

KINE-34 FITNESS THROUGH ACTIVITY
1 unit: 3 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
Students will attain optimal levels of fitness by applying techniques used in a variety of team and/or individual activities. Drills and activities closely emulate actual conditions of competition performance.

MERCED
1322 MTWTh 02:45p-04:50p Huddleston A GYM-1
6015 MTWTh 05:30p-07:35p Russell W GYM-1

KINE-35 FLEXIBILITY AND CARDIOVASCULAR FITNESS
2 units: 6 hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
Practical application of all aspects of flexibility and cardiovascular conditioning are presented and performed. A system of class presentation is used to insure gradual, safe, and total physiological adaptation of the student to exercise.

ONLINE
2902 ONLINE Pedretti C
Section 2902 is held from 06/09/17 to 07/27/17.
2905 ONLINE Pedretti C
Section 2905 is held from 06/09/17 to 07/27/17.

LEARNING RESOURCES (LRNR)
LRNR-30 INFORMATION COMPETENCY IN THE ELECTRONIC AGE
[CSLIC areas A.B,C,D,E,F,G]
3 units: 3 hours lecture.
Prerequisite: ENGL-85A or ENGL-85AC or ENGL-85E. Advisories: AOM-50B, keyboard at a minimum rate of 25 wpm at 95% accuracy.
This course is designed to introduce students to library research and resources including information retrieval tools.

MERCED
1461 TWTh 09:00a-11:50a Ryan A IAC-124

MANAGEMENT (MGMT)
MGMT-50C TIME MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: ENGL-84A.
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
9753 Th 01:00p-05:15p Pistoressi P BRC-122
Section 9753 is held 07/20/17 and 07/27/17.

MGMT-51G STRESS MANAGEMENT
0.5 unit: 0.5 hour lecture.
Advisories: ENGL-84A.
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
9750 Th 08:00a-12:15p Pistoressi P BRC-122
Section 9750 is held 06/22/17 and 06/29/17.
9751 Th 01:00p-05:15p Pistoressi P BRC-122

MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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
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<tr>
<th>Course Code</th>
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<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<td>MTWTh</td>
<td>08:00a-10:50a</td>
<td>Brooke B</td>
<td>SCI-207</td>
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<tr>
<td>MATH-02A</td>
<td>MTWTh</td>
<td>08:00a-10:50a</td>
<td>Real J</td>
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<td>08:00a-10:50a</td>
<td>Real J</td>
<td>VOC-112</td>
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**MATH-02A  ELEMENTARY STATISTICS**
(C-ID MATH 110) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**MATH-02B  CALCULUS I**
(C-ID MATH 211) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-02 or MATH-02H. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course covers limits, continuity, differentiation and integration of algebraic and trigonometric functions along with their respective applications.

**MATH-04A  CALCULUS I**
(C-ID MATH 211) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-04A. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**MATH-04B  CALCULUS II**
(C-ID MATH 221) (CSU breadth area B4) (IGETC area 2)
4 units: 4 hours lecture.
Prerequisite: MATH-04A. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometric functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

**MATH-10  ELEMENTARY STATISTICS**
(C-ID MATH 110) (CSU breadth area B4) (IGETC area 2)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**MATH-20A  BASIC STRUCTURE OF MATHEMATICS I**
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**MATH-25  TRIGONOMETRY**
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometric functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

**ENGL-85A**
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**ENGL-85B**
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**ENGL-85C**
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**ENGL-85D**
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**ENGL-85E**
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**COMMENTS:** Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

**ORIENTATION:** MANDATORY - June 05, 2017; 01:00p-02:50p; VOC-140. Students are expected to check their college email for instructions to log into the course by June 05, 2017 or risk being withdrawn from the course.

**MATH-20A  BASIC STRUCTURE OF MATHEMATICS I**
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

**MATH-25  TRIGONOMETRY**
(CSU breadth area B4)
3 units: 3 hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course is a review of right triangle geometry, real numbers, functions and graphs, trigonometric functions and their graphs, identities, inverse trigonometric functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.
MATH-80  PREALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-91.
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.

HYBRID
2409 $ HYBRID Rieg K
CONTACT: kristen.rieg@mccd.edu IN-CLASS SESSIONS: MANDATORY - Midterm - June 22, 2017; 03:30p-05:20p; VOC-140. MANDATORY - Final Exam - July 13, 2017; 03:30p-05:20p; VOC-140.
COMMENTS: Students should check their Merced College email for instructions from the instructor on or before the first day of class. An optional on-campus meeting with the instructor will be held on June 05, 2017; 03:30p-05:20p; VOC-140. Students are expected to check their college email for instructions to log into the course by June 05, 2017 or risk being withdrawn from the course.

MATH-81  BEGINNING ALGEBRA
4 units: 4 hours lecture.
Prerequisite: MATH-80. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course covers the four basic operations on real numbers and algebraic expressions. It also includes the order of operations, graphing and solving linear and absolute value equations and inequalities, systems of linear equations, exponents, polynomials, and a brief introduction to functions.

HYBRID
2410 $ HYBRID Meidinger S
CONTACT: meidinger.s@mccd.edu ORIENTATION: MANDATORY - June 05, 2017; 03:00p-04:50p; SCI-202.
IN-CLASS SESSIONS: MANDATORY - Midterm - June 20, 2017; 03:00p-04:50p; SCI-202. MANDATORY - Final Exam - July 11, 2017; 03:00p-04:50p; SCI-202.
COMMENTS: Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

MUSC-14  AMERICAN POPULAR MUSIC HISTORY
(CSU breadth area C1) (IGETC area 3A) 3 units: 3 hours lecture.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

MERCED
1909 MTWTh 08:00a-10:05a Taylor K MUS-2
1270 MTWTh 10:15a-12:20p Taylor K MUS-2
6017 MTWTh 05:30p-08:20p Keane F MUS-2

LOS BANOS
4630 MTWTh 12:00p-02:50p Faria M LB-B-106

MUSC-10  MUSIC FUNDAMENTALS
(C-ID MUS 110) (CSU breadth area C1) (IGETC area 3A) 3 units: 3 hours lecture.
Advisory: ENGL-84A.
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.

MUSC-20  RHYTHM AND PITCH NOTATION
HYBRID Albert M

MUSC-26  VIOLIN
HYBRID Malekzadeh B

MUSC-27  PIANO
HYBRID Mohan R

MUSC-28  GUITAR
HYBRID Mason C

MUSC-30  JAZZ ENSEMBLE
HYBRID Malekzadeh B

MUSC-31  ORCHESTRA
HYBRID Mohan R

MUSC-32  BAND
HYBRID Mohan R

MUSC-33  CHORUS
HYBRID Mohan R

MUSC-34  MUSIC HISTORY/ANALYSIS
HYBRID Mohan R

MUSC-35  MUSIC TECHNOLOGY
HYBRID Malekzadeh B

MUSC-36  MUSIC EDUCATION
HYBRID Malekzadeh B

MUSC-37  MUSIC BUSINESS/REPERTOIRE
HYBRID Malekzadeh B

VOCATIONAL NURSING (VOCN)

VOCN-46A  APPLIED MATHEMATICS FOR PHARMACOLOGY
1 unit: 1 hour lecture.
Prerequisites: ENGL-01A; MATH-81.
This is an introductory pharmacy 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.

MERCED
1101 WC MTW 02:00p-04:50p Cronk L VOC-37

VOCN-46B  MATHEMATICS FOR HEALTH PROFESSIONALS
1 unit: 1 hour lecture.
Prerequisite: MATH-91.
This is an introductory pharmacy 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.

MERCED
1102 WC MTW 08:00a-10:05a Cazares K AHC-124

VOCN-48  INTRAVENOUS THERAPY/BLOOD WITHDRAWAL
2 units: 2 hours lecture.
Limitation on enrollment: Licensed as a Vocational Nurse (required by section 2860.5 of the Board of Vocational Nurses and Psychiatric Technicians) or Registered Nurse.
This short-term course is designed to prepare nurses to start and superimpose intravenous fluid and perform blood withdrawal as ordered by the physician.

MERCED
9065 WC MTWTh 10:00a-11:50a Alvarez C AHC-130
Section 9065 is held from 06/06/17 to 06/22/17.

MERIDIAN COLLEGE 209.384.6000

SUMMER 2017

12 • CLASSES • $ - 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.
Online/Hybrid Classes. See page 61 for details.
PHILOSOPHY (PHIL)

PHIL-10 CRITICAL THINKING
(CSU breadth area A3) [CILC area G]
3 units: 3 hours lecture.
Prerequisites: ENGL-85A or ENGL-85AC or ENGL-85E. Advisory: ENGL-01A.
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.

MERCED
1506 MTWTh 10:15a-12:20p Barnes L VOC-143

PHIL-13 CRITICAL REASONING AND WRITING (ALSO: ENGL-13)
(C-ID ENGL 105) (CSU breadth area A3) (IGETC area 1B) [CILC area G]
3 units: 3 hours lecture.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

MERCED
1236 MTW 08:00a-10:50a McDonald S IAC-122
1238 WC MTW 11:00a-01:50p Toth R IAC-123
1237 MTWTh 08:00a-10:50a Danielson D IAC-123
1087 MTWTh 12:00p-02:50p Withers M IAC-122
6112 MTWTh 05:30p-08:20p Barnes L IAC-109

LOS BANOS
4646 MTWTh 08:00a-10:50a Staff LB-B-137

PHYSICS (PHYS)

PHYS-02A GENERAL PHYSICS I
(C-ID PHYS 105) (CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: MATH-02 or MATH-02H; or MATH-25 and MATH-26. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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.

MERCED
1616 MTWTh 10:15a-12:20p Pourtarvirdi Z SCI-106 & MTWTh 08:00a-10:50a Pourtarvirdi Z SCI-106

PHYS-02B GENERAL PHYSICS II
(CSU breadth area B1/B3) (IGETC area 5A/5C) (C-ID PHYS 110)
4 units: 3 hours lecture, 3 hours lab.
Prerequisite: PHYS-02A. Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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
1246 MTWTh 02:45p-04:50p Pourtarvirdi Z SCI-106 & MTWTh 12:30p-02:35p Pourtarvirdi Z SCI-106

POLITICAL SCIENCE (POSC)

POSC-01 ESSENTIALS OF AMERICAN POLITICAL SYSTEM
(CSU breadth area D/F2) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course will introduce students to institutions of American national government, the American political system, and California state and local government.

ONLINE
2498 ONLINE Gardner J
CONTACT: jennifer.gardner@mccd.edu
COMMENTS: Students are required to log-in within the first two days of class or they will be dropped.

MERCED
1097 MTWTh 10:15a-12:20p Randall R VOC-8

9082 MTWTh 01:00p-05:35p Morris R IAC-145
Section 9082 is held from 06/28/17 to 07/13/17.

PSYCHOLOGY (PSYC)

PSYC-01A INTRODUCTION TO PSYCHOLOGY
(C-ID PSY 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
PSYC-01A is a survey course designed to provide an introduction to the facts and theories underlying human behavior.

MERCED
1454 MTWTh 08:00a-10:50a Williamson L LESH-111
1700 MTWTh 02:45p-04:50p Nichols D VOC-9
6051 MW 05:30p-09:45p Forester D VOC-9
9109 MTWTh 08:00a-12:35p Gargano G AHC-129
Section 9109 is held from 06/28/17 to 07/13/17.

LOS BANOS
4708 MTW 08:00a-10:50a Coahran S LB-B-107

PSYC-09 HUMAN DEVELOPMENT (ALSO: CLDV-09)
(C-ID PSY 180) (CSU breadth area E)
3 units: 3 hours lecture.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
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 development of the human being.

ONLINE
2429 ONLINE Roduner S
CONTACT: For course-specific questions contact roduner.s@mccd.edu.

MERCED
1071 MTWTh 12:30p-02:35p Nichols D VOC-138

PSYC-22 HUMAN SEXUALITY
(C-ID PSY 130) (CSU breadth area D/E) (IGETC area 4)
3 units: 3 hours lecture.
Advisory: ENGL-85A or ENGL-85AC or ENGL-85E.
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society.

ONLINE
2432 ONLINE Clifford J

RADIOLOGIC TECHNOLOGY, DIAGNOSTIC
(RADT)

RADT-14A RADIOLOGIC SCIENCES II
2 units: 27 total hours lecture, 27 total hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course covers the theory and application of factors that govern and influence the production of quality radiographic images.

MERCED
9059 T 09:00a-02:10p Donnelly S/Lang K AHC-148
Section 9059 is held from 05/30/17 to 08/08/17.

RADT-14B CLINICAL EDUCATION II
3.5 units: 189 total TBA hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework.

MERCED
9063 189 hours by arrangement Donnelly S/Lang K HOSP
Section 9063 is held from 05/31/17 to 08/09/17 and includes a 30 minute break.
### RADT-17A RADIOLoGIC SCIENCES III
2 units: 2 hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
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.
**MERCED**
9072 W 09:00a-12:05p Donnelly S/Lang K AHC-148
Section 9072 is held from 05/31/17 to 08/09/17.

### RADT-17B ADVANCED CLINICAL EDUCATION II
7 units: 378 total TBA hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Radiologic Technology Program.
This course provides clinical experience for reapplication of theoretical principles and concepts covered in previous and current didactic coursework to ensure continued competency.
9074 378 hours by arrangement Donnelly S/Lang K HOSP
Section 9074 is held from 05/30/17 to 08/08/17 and includes a 30 minute break.

### SOCIOLOGY (SOC)
**SOC-01 INTRODUCTION TO SOCIOLOGY**
(C-ID SOCI 110) (CSU breadth area D) (IGETC area 4)
3 units: 3 hours lecture.
Advisories: ENGL-01A.
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.
**MERCED**
1455 MTWTh 10:15a-12:20p Codallos K IAC-146
1456 MTWTh 12:30p-02:35p Codallos K IAC-146
6058 TWTh 05:30p-08:20p Pierce T IAC-146
**LOS BANOS**
4738 TWTh 12:00p-02:50p Coahran S LB-B-107

### SONOGRAPHY, DIAGNOSTIC MEDICAL (SONO)
**SONO-44A ADVANCED ULTRASOUND PHYSICS**
[CILC area B] 1.5 units: 1.5 hours lecture.
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography Program.
This course is 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 control procedures are also covered.
**MERCED**
9066 WC 08:00a-11:05a Zelinsky C AHC-157
Section 9066 is held from 06/07/17 to 07/27/17.

**SONO-44B ADVANCED CLINICAL EXPERIENCE I**
[CILC area B] 4.5 units: 252 total hours TBA lab.
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography program. Two-way corequisite: SONO-44C.
This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic course work.
**MERCED**
9068 WC 252 hours by arrangement Zelinsky C HOSP
Section 9068 is held from 06/05/17 to 07/27/17 and includes a 30 minute break.

**SONO-44C SUPERFICIAL STRUCTURES**
[CILC area B] 1 unit: 9 total hours lecture, 27 total hours lab.
Limitation on enrollment: Enrollment in the Diagnostic Medical Sonography program. Two-way corequisite: 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.
**MERCED**
9067 WC W 12:00p-04:15p Zelinsky C AHC-157
Section 9067 is held from 06/07/17 to 07/26/17.

### SPANISH (SPAN)
**SPAN-01 ELEMENTARY SPANISH I**
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 6)
5 units: 5 hours lecture.
Advisory: ENGL-84A.
This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competence. This course is not recommended for native speakers – native speakers should enroll in SPAN-10.
**MERCED**
1080 MTWTh 01:00p-04:35p Estrada A IAC-121
1098 MTWTh 08:00a-11:35a Allen M IAC-108
1107 MTWTh 11:45a-03:20p Staff IAC-108
**LOS BANOS**
4760 MTWTh 12:00p-03:35p Wynne C LB-B-112

### WELDING TECHNOLOGY (WELD)
**WELD-51 INTRODUCTORY PIPE WELDING**
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: MECH-06 or WELD-06; WELD-07. Advisories: MATH-85; ENGL-84A.
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**
9075 TWTh 05:00p-09:30p Russell C PS-2
Section 9075 is held from 05/30/17 to 06/29/17.

**WELD-52 ADVANCED PIPE WELDING AND FITTING**
2 units: 1 hour lecture, 3 hours lab.
Prerequisite: WELD-51. Advisories: MATH-85; ENGL-84A.
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**
9076 TWTh 05:00p-09:50p Russell C PS-2
Section 9076 is held from 07/03/17 to 08/03/17.