# SUMMER 2015

**MERCED CAMPUS** 3600 M Street; Merced, CA 95348  (209) 384-6000  
**LOS BAÑOS CAMPUS** 22240 Highway 152; Los Baños, CA 93635 (209) 826-3495 or (209) 381-6411

## MERCED COLLEGE STUDENT SERVICES & COUNSELING

**MERCED CAMPUS AND LOS BAÑOS CAMPUS**  
**Summer Hours are subject to change**  
**JUNE 8, 2015 - JULY 30, 2015**  
Monday, Tuesday, Wednesday, Thursday: 08:00a-05:00p  
**SUMMER 2015 EXCEPTIONS:**  
**JUNE 9-10, 2015**  
Tuesday, Wednesday: 08:00a-07:00p

## MERCED COLLEGE STUDENT FEES

**MERCED CAMPUS AND LOS BAÑOS CAMPUS**  
**Summer Hours are subject to change**  
**JUNE 8, 2015 - JULY 30, 2015**  
Monday, Tuesday, Wednesday, Thursday: 08:00a-05:00p  
**SUMMER 2015 EXCEPTIONS:**  
**JUNE 9-10, 2015**  
Tuesday, Wednesday: 08:00a-06:30p

## MERCED COLLEGE STUDENT HEALTH SERVICES

**MERCED CAMPUS**  
**JUNE 8, 2015 - JULY 30, 2015**  
Monday, Tuesday, Thursday: 08:00a-04:30p  
Wednesday: 08:00a-07:00p

### SUMMER 2015 CALENDAR

**JUNE 2015**

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**SUMMER 2015 SESSION, JUNE 8-JULY 16**  
CENSUS DAY (6-WEEK SESSION), JUNE 15

**JULY 2015**

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**INDEPENDENCE DAY OBSERVED**  
JULY 2  
END 6 WEEK SUMMER SESSION  
JULY 16  
END 8 WEEK SUMMER SESSION  
JULY 30

**AUGUST 2015**

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**FALL 2015 INSTRUCTION BEGINS**  
AUG 17

### 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 2015 hours**  
Monday through Thursday: 09:00a-11:00a and 01:00p-04:00p

### OPEN MATH LAB

**Merced Campus SCI-201**  
**SUMMER 2015 hours**  
Monday through Thursday: 10:00a-11:30a and 01:00p-04:00p

### BUILDING ABBREVIATIONS

<table>
<thead>
<tr>
<th>Merced Campus</th>
<th>AG-Agriculture</th>
<th>AHC-Allied Health Complex</th>
<th>ART-Art Building</th>
<th>COM-Communications</th>
<th>GYM-Gymnasium</th>
<th>IAC-Interdisciplinary Academic</th>
<th>IT-Industrial Technology</th>
<th>LESH-Lesher Building</th>
<th>MUS-Music</th>
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<tbody>
<tr>
<td>MA-Mech Ag</td>
<td>PS-Plant Science</td>
<td>SCI-Science</td>
<td>STAGE-Theatre</td>
<td>SU-Student Union</td>
<td>TCC-Tr-College Center</td>
<td>TMR-Theatre</td>
<td>VOC-Vocational</td>
<td>Los Baños Campus</td>
<td>LB-A-Los Baños, Bldg A</td>
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<td>LB-B-Los Baños, Bldg B</td>
<td>Off Campus Sites</td>
<td>CCWF-Central California</td>
<td>Women’s Facility</td>
<td>DELH-Delhi</td>
<td>DPHS-Dos Palos High School</td>
<td>LBHS-Los Baños High School</td>
<td>LIVN-Livingston</td>
<td>MARI-Mariposa High School</td>
<td>PACHS-Pacheco High School</td>
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<td>VSP-Valley State Prison</td>
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### OPEN MATH LAB Session Minutes

<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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<tbody>
<tr>
<td>50-105</td>
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<td>110-165</td>
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<td>170-225</td>
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<td>230-285</td>
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<td>350-360</td>
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**SUMMER 2015 FEES**

Before registering, students who owe money must pay in full or have a payment plan. If you owe money or need a payment plan, please contact the Student Fees office. The Student Fees office is located on the 3rd floor of the Lesher Student Services Center in Merced and at the Fees Counter at Los Baños Campus Building A. Credit card payments are accepted on the Merced college web site at www.mccd.edu or by telephone at (209) 384-6219 or (209) 384-6216.

*Fees are subject to change.*

<table>
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<tr>
<th>Description</th>
<th>Fee Details</th>
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<tbody>
<tr>
<td>Enrollment Fee</td>
<td>$46.00 per unit</td>
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<tr>
<td>Health Fee*</td>
<td>$14.00</td>
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<tr>
<td>Parking Fee</td>
<td>auto-$10.00 to $1.00 per day</td>
</tr>
<tr>
<td>Non-Resident Tuition</td>
<td>$208.00 per unit, plus enrollment fee</td>
</tr>
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</table>

*Ed Code Section 76355 allows exemption from the Health Fee solely to those students meeting the following criteria:
1. Indentured apprentice enrolled in apprenticeship classes only
2. Those who depend exclusively on prayer for healing (appropriate documentation must be filed)
3. Those who are surviving spouse of members of the California National Guard who were killed or prematurely disabled while in the active service of the United States (appropriate documentation must be filed).

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

All students are required to complete the steps for matriculation prior to any enrollment at Merced College. To see information about matriculation, go to [http://www.mccd.edu/ar/students_new_returning.html](http://www.mccd.edu/ar/students_new_returning.html).

Students may register for classes after completing these steps:

<table>
<thead>
<tr>
<th>GROUP 1</th>
<th>Registration begins</th>
<th>Wednesday April 15, 2015</th>
<th>Students who are qualifying Foster Youth OR Students who are qualifying Veterans and students who are receiving services from EOPS, DSP&amp;S and CalWORKs and who • have completed orientation, assessment, and developed a student education plan at Merced College • have completed less than 100 degree applicable units at Merced College prior to Spring 2015 semester • do not have 2 or more continuous semesters of probation at Merced College immediately prior to Spring 2015 semester</th>
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<tr>
<td>GROUP 2</td>
<td>Registration begins</td>
<td>Monday April 20, 2015</td>
<td>Continuing students with a GPA of 3.5 or better who have completed at least 30 units at Merced College prior to Spring 2015 semester and who • have completed orientation, assessment, and developed a student education plan • have completed less than 100 degree applicable units at Merced College prior to Spring 2015 semester • do not have 2 or more continuous semesters of probation at Merced College immediately prior to Spring 2015 semester</td>
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<tr>
<td>GROUP 3</td>
<td>Registration begins</td>
<td>Wednesday April 22, 2015</td>
<td>All other continuing students who have completed at least 30 units at Merced College prior to the Spring 2015 semester and who • have completed orientation, assessment, and developed a student education plan • have completed less than 100 degree applicable units at Merced College prior to Spring 2015 semester • do not have 2 or more continuous semesters of probation at Merced College immediately prior to Spring 2015 semester</td>
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<td>GROUP 4</td>
<td>Registration begins</td>
<td>Monday April 27, 2015</td>
<td>Continuing students with a GPA of 3.5 or better and continuing Athletes who have completed less than 30 units at Merced College prior to the Spring 2015 semester and who • have completed orientation, assessment, and developed a student education plan • have completed less than 100 degree applicable units at Merced College prior to Spring 2015 semester • do not have 2 or more continuous semesters of probation at Merced College immediately prior to Spring 2015 semester</td>
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<td>GROUP 5</td>
<td>Registration begins</td>
<td>Wednesday April 29, 2015</td>
<td>All other continuing students who have completed less than 30 units at Merced College prior to the Spring 2015 semester and who • have completed orientation, assessment, and developed a student education plan • have completed less than 100 degree applicable units at Merced College prior to Spring 2015 semester • do not have 2 or more continuous semesters of probation at Merced College immediately prior to Spring 2015 semester</td>
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<td>GROUP 6</td>
<td>Registration begins</td>
<td>Monday May 4, 2015</td>
<td>First time Athletes who have completed orientation, assessment, and developed a student education plan</td>
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<td>GROUP 7</td>
<td>Registration begins</td>
<td>Wednesday May 6, 2015</td>
<td>New and Returning students who have completed orientation, assessment and developed an abbreviated student education plan OR Students with Bachelor degree or higher, and any continuing students who have completed 100 or more degree applicable units or have 2 or more continuous semesters of probation at Merced College immediately prior to Spring 2015</td>
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<td>GROUP 8</td>
<td>Registration begins</td>
<td>Monday May 11, 2015</td>
<td>Special Admit Students (K-12) (Walk up registration only)</td>
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ACCOUNTING (ACTG)

ACTG-04A FINANCIAL ACCOUNTING  
(C-ID ACCT 110)  
4 units: 72 total hours lecture.  
Advisories: ACTG-51, ENGL-85.  
Basic topics include analysis of transactions and preparation of financial statements related to developing an understanding of the financial condition of a corporation. This course is recommended for students who have knowledge of or equivalent experience in the basics of bookkeeping.

MERCED  
1243 SS MTWTh 02:00p-04:50p Stapleton I VOC-37

 ADMINISTRATIVE OFFICE MANAGEMENT (AOM) 

AOM-50A KEYBOARDING  
1 unit: 9 total hours lecture, 27 total hours lab.  
Advisories: READ-81, ENGL-84.  
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: 9 total hours lecture, 27 total hours lab.  
Advisories: Know the qwerty enhanced keyboard and be able to key at least 20 wpm with 85% accuracy; READ-81, ENGL-84.  
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 MTWTh 02:00p-03:50p Downing S VOC-114

ALLIED HEALTH (ALLH) 

ALLH-60 NURSE ASSISTANT  
5.5 units: 54 total hours lecture, 135 total 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: READ-81, ENGL-84.  
The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities.

MERCED  
9055 M 08:00a-02:20p Reid E AHC-130 & FS 07:30a-03:15p Reid E HOSP  
Section 9055 is held from 06/01/15 to 07/29/15.  
Section 9055 lecture and lab includes a 30 minute break; Section 9055 lab is held at Country Villa Merced; 510 W. 26th St.; Merced.

9056 M 08:00a-02:20p Reid E AHC-130 & FS 07:30a-03:15p Reid E HOSP  
Section 9056 is held from 06/01/15 to 07/29/15.  
Section 9056 lecture and lab includes a 30 minute break; Section 9056 lab is held at Country Villa Merced; 510 W. 26th St.; Merced.

9760 Th 08:00a-03:00p Dickens A AHC-130 & FS 07:30a-03:35p Dickens A HOSP  
Section 9760 is held from 06/04/15 to 08/01/15.  
Section 9760 lecture and lab includes a 30 minute break; Section 9760 lab is held at Country Villa Merced; 510 W. 26th St.; Merced.

ALLH-67 MEDICAL TERMINOLOGY  
3 units: 54 total hours lecture.  
Advisory: ENGL-85.  
This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

ONLINE/HYBRID  
2444 ONLINE Alvarez C CONTACT: Claire Alvarez at alvarez.c@mccd.edu

AMERICAN SIGN LANGUAGE (ASLG) 

ASLG-01 BEGINNING AMERICAN SIGN LANGUAGE  
3 units: 54 total 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-04:45p Flores Clark E IAC-106

ANTHROPOLOGY (ANTH) 

ANTH-02 SOCIOCULTURAL ANTHROPOLOGY  
(CSU breadth area C1) (IGETC area 3A)  
3 units: 54 total hours lecture.  
Advisories: ENGL-85.  
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: 54 total hours lecture.  
Prerequisite: ENGL-85. 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 TWTTh 10:15a-01:05p Disch S ART-1

ART-06 ART OF THE 20TH CENTURY  
(CSU breadth area C1)  
3 units: 54 total hours lecture.  
Prerequisite: ENGL-85. Advisory: ENGL-01A.  
This course is a survey of the prominent artists and art movements from Impressionism through Post-Modernism to today. Major works in painting, sculpture, architecture and the applied arts are covered.

MERCED  
4110 MTWTh 09:00a-11:05a Donovan M LB-A-103

ART-24A DRAWING I  
3 units: 36 total hours lecture, 54 total hours lab.  
Prerequisite/Advisory: None.  
This course is an introduction to the principles, theories, and techniques of drawing and composition. Students will explore foundation-level concepts
while surveying materials used in drawing as an art form, as well as the history of their development.

**MERCED**

1007  MTWTh  01:30p-05:05p  Disch  S  ART-6

**LOS BÁNOS**

4092  MTWTh  12:00p-03:35p  Donovan  M  LB-B-101

**ART-24B INTERMEDIATE DRAWING**

(C-ID ARTS 205)

3 units: 36 total hours lecture, 54 total 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.

**LOS BÁNOS**

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: 54 total hours lecture. Advisory: ENGL-85.

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  02:00p-04:05p  Pourtarvirdi  Z  SCI-110

**ATHLETICS (ATHL)**

**ATHL-02D OFF-SEASON CONDITIONING FOR FOOTBALL**

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.

**MERCED**

1580  MTWTh  10:15a-12:20p  Goodfellow  K  SCI-111

& MTWth  08:00a-10:05a  Goodfellow  K  SCI-112

& MTWTh  08:00a-10:05a  Goodfellow  K  SCI-112

1581  MTWTh  10:15a-12:20p  Goodfellow  K  SCI-111

& MTWTh  12:30p-02:35p  Goodfellow  K  SCI-112

1914  MTWTh  10:15a-12:20p  Goodfellow  K  SCI-111

& MTWTh  02:45p-04:50p  Goodfellow  K  SCI-112

**BIOL-01 GENERAL BIOLOGY FOR NON-MAJORS**

(CSU breadth area B2/B3) (IGETC area 5B/5C)

4 units: 54 total hours lecture, 54 total hours lab.

Limitation on enrollment: This course is not open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85.

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**

5801  MTWTh  11:00a-12:10p  Goodfellow  K  SCI-111

& MTW  08:00a-10:05a  Goodfellow  K  SCI-112

1072  MTWTh  08:00a-10:05a  Goodfellow  K  SCI-115

1073  MTWTh  08:00a-10:05a  Goodfellow  K  SCI-115

**LOS BÁNOS**

4138  MTW  09:00a-11:50a  Vierra  S  LB-B-111

& MTW  01:00p-03:50p  Vierra  S  LB-B-112

**ATHL-03 ATHLETIC CONDITIONING**

1 unit: 54 total hours lab.

Limitation on enrollment: This is varsity 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.

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**

1056  MTWTh  01:00p-03:05p  Casey  R  STAD

6200  MTWTh  05:30p-07:35p  Umemura  K  POOL

Section 6200 is Women’s Water Polo.

9080  TWTh  08:00a-10:50a  Casey  J  GYM-1

Section 9080 is held from 06/30/15 to 08/16/15.

Section 9080 is Volleyball.

**BIOLOGY (BIOL)**

**BIOL-02 HUMAN BIOLOGY**

(CSU breadth area B2/B3) (IGETC area 5B/5C)

4 units: 54 total hours lecture, 54 total hours lab.

Limitation on enrollment: This course is not open to students having a C or better in BIOL-04A. Prerequisite: ENGL-85.

This course is an introduction to the principles of biology with an emphasis on humans.

**MERCED**

1072  MTW  11:00a-1:05p  Coburn  C  SCI-203

& MTWth  12:30p-02:35p  Coburn  C  SCI-203

1073  MTWTh  11:00a-12:05p  Coburn  C  SCI-115

& MTW  02:00p-04:05p  Coburn  C  SCI-115

**LOS BÁNOS**

4138  MTW  09:00a-11:50a  Vierra  S  LB-B-111

& MTW  01:00p-03:50p  Vierra  S  LB-B-112

**BIO-16 GENERAL HUMAN ANATOMY**

(C-ID BIOL 110B) (CSU breadth area B2/B3) (IGETC area 5B/5C)

4 units: 36 total hours lecture, 108 total hours lab.

Prerequisite: BIOL-01 or BIOL-02 or BIOL-04A; ENGL-85.

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**

9077  MTW  11:20a-12:35p  Estrella  C  SCI-202

& MTWTh  08:00a-11:10a  Estrella  C  SCI-116

Section 9077 is held from 06/08/15 to 07/30/15.

9078  MTW  11:20a-12:35p  Estrella  C  SCI-202

& MTWTh  01:00p-04:10p  Estrella  C  SCI-116

Section 9078 is held from 06/08/15 to 07/30/15.

Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.
BIOLOGY (BIO)

BIO-18 PRINCIPLES OF PHYSIOLOGY
(CSU breadth area B2/B3) (IGETC area 5B/5C)
4 units: 54 total hours lecture, 54 total hours lab.
Prerequisites: BIO-01 or BIO-02 or BIO-04A or BIO-16; CHEM-02A; ENGL-85; 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.

BOLK-19 INTRODUCTION TO BIOLOGY
(CSU breadth area B3) (IGETC area 5B/5C)
4 units: 36 total hours lecture, 108 total hours lab.
Prerequisite: BIO-01 or BIO-02 or BIO-04A; ENGL-85. Advisories: CHEM-02A.
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.

BUSINESS (BUS)

BUS-10 INTRODUCTION TO BUSINESS
3 units: 54 total hours lecture.
Advisory: CPSC-30; ENGL-85.
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.

COMMUNICATION STUDIES (COMM)

COMM-01 FUNDAMENTALS OF SPEECH
(C-ID COMM 110) (CSU breadth area A1) (IGETC area 1C-CSU only)
3 units: 54 total hours lecture.
Prerequisite: ENGL-85.
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.

CHEMISTRY (CHEM)

CHEM-02A INTRODUCTORY CHEMISTRY
(CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 54 total hours lecture, 54 total hours lab.
Prerequisite: MATH-C. Advisories: ENGL-85.
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.

PHYSICS (PHYS)

PHYS-11 QUANTUM PHYSICS
(CSU breadth area D4/DS) (IGETC area 8B)
4 units: 54 total hours lecture, 108 total hours lab.
Prerequisites: PHYS-01A or PHYS-01B or PHYS-01C; ENGL-85.
This course is an introductory study of the fundamental principles of modern physics, including the wave-particle aspects of matter, the mechanics of elementary particles, and the general principles governing the behavior of nature at the quantum level.
COMM-05 INTERPERSONAL COMMUNICATION
(C-ID COMM 130) (CSU breadth area A1)
3 units: 54 total hours lecture.
Prerequisite: ENGL-85.
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
9048 MTWTh 08:00a-12:15p Young J IAC-121
Section 9048 is held from 06/08/15 to 06/25/15.

COMPUTER SCIENCE (CPSC)
CPSC-30 COMPUTER APPLICATIONS
[CILC areas A,B,C,D,E,F]
3 units: 36 total hours lecture, 54 total hours lab.
Advisories: AOM-50A or AOM-50B (keyboard at a minimum of 20 GWAM); READ-81, ENGL-84; MATH-80.
This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations.

ONLINE/HYBRID
2906 ONLINE Pirtle T
Section 2906 is held from 06/08/15 to 07/30/15.
CONTACT: For course-specific questions contact the professor of the class toni.pirtle@mccd.edu. For technology problems contact help desk at www.mccd.edu/myhelp/ or (209) 381-6565.

MERCED
1040 MTWTh 07:00a-10:35a Ahmadi A VOC-113
4258 MTWTh 08:00a-11:35a Robinson D LB-A-109
Section 4258 requires Microsoft Office 2010 Professional software (to include ACCESS).

COOPERATIVE EDUCATION (COOP)
COOP-41A COOPERATIVE EDUCATION IN (SUBJECT)
1-4 units: 1-4 hours weekly.
Advisory: ENGL-85.
Cooperative work experience education is a process of education that combines work experience with regular college instruction as an integral part of the community college curriculum. Cooperative Education allows students the opportunity to benefit from practical application in a job setting within their major area, or will allow students to sample an experience in a career field the student may be considering. A student may enroll in Cooperative Education for a maximum of four semesters, and no more than 16 units may be earned at Merced College. Seventy-five hours of work experience (or 60 hours volunteer work) equal one unit of college credit. Cooperative education units are offered in many areas. The number of units (1, 2, 3, or 4) the student will be enrolled in will be determined by the number of hours the student will work during the semester. In order to participate in the Cooperative Education Program, a student must (a) have on-the-job experience that contributes to occupational or educational goals; (b) be enrolled in Cooperative Education; (c) have the approval of the Cooperative Education Coordinator; and (d) have the cooperation of the employer in including new or expanded responsibilities or learning opportunities on the job for which the student is enrolled in Cooperative Education.

DRAMA (DRAM)
DRAM-01 INTRODUCTION TO THEATER
(C-ID THTR 111) (CSU breadth area C1/C2) (IGETC area 3B)
3 units: 54 total hours lecture.
Advisory: ENGL-85.
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

ECONOMICS (ECON)
ECON-01 INTRODUCTION TO MICROECONOMICS
(CSU breadth area D2) (IGETC area 4B) (C-ID ECON 201)
3 units: 54 total hours lecture.
Prerequisite: ENGL-85; MATH-81. Advisories: ENGL-01A.
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.

ONLINE/HYBRID
2446 ONLINE Stapleton I
CONTACT: stapleton.i@mccd.edu

MERCED
1235 MTWTh 08:00a-10:05a Sandoval Hernandez J VOC-9

ENGLISH (ENGL)
ENGL-01A COLLEGE COMPOSITION AND READING
(C-ID ENGL 100) (CSU breadth area A2) (IGETC area 1A) [CILC area G]
4 units: 72 total hours lecture.
Prerequisite: ENGL-85. Advisory: LRNR-30.
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/HYBRID
2440 ONLINE Staff
CONTACT: For technology problems, contact the help desk at www.mccd.edu/myhelp or 209-381-6565.

2441 ONLINE Danielson D
CONTACT: For course-specific questions, contact doreen.danielson@mccd.edu. For Technology problems, contact the help desk at www.mccd.edu/myhelp or 209-381-6565/

MERCED
1589 MTWTh 08:00a-10:50a Brown G VOC-143
1618 MTWTh 08:00a-10:50a Temple J IAC-120
1066 MTWTh 09:00a-11:50a Staff TBA-TBA
1590 MTWTh 11:00a-1:50p Temple J VOC-143
1993 MTWTh 11:00a-1:50p Rocha M IAC-120
6055 MTWTh 05:30p-08:20p Slate R VOC-143

LOS BAÑOS
4346 MTWTh 12:00p-02:50p Escamilla R LB-B-137

ENGL-01B INTRODUCTION TO LITERATURE
(C-ID ENGL 120) (CSU breadth area C2) (IGETC area 3B)
3 units: 54 total hours lecture.
Prerequisite: ENGL-01A.
This course introduces representative works from four major genres: short story, novel, drama, and poetry.

ONLINE/HYBRID
2443 ONLINE Piro V
CONTACT: Students should check their Merced College student email for instructions from the instructor the first day of classes. Students will be expected to log into the course within the first two days of classes.
CONTACT: For course related questions, email the course instructor at piro.v@mccd.edu. For technology problems or questions, contact the Student Help Desk at www.mccd.edu/ myhelp/ or 209-381-6565.

MERCED
6201 MW 05:30p-09:45p Kahler S IAC-123

*Requires students to do online assignments. Additional fees may apply. For specific text/access code please see your instructor.

Online/Hybrid Classes. See page ?? for details.
ENGL-13 CRITICAL REASONING AND WRITING (ALSO: PHIL-13)  
(CSU breadth area A3)  [CILC area G]  (C-ID ENGL 105)  
(IGETC area 1B)  
3 units: 54 total hours lecture.  
Prerequisite: ENGL-01A.  
This course offers instruction in argumentative and critical writing,  
critical thinking, research strategies, information literacy, and proper  
documentation.  
MERCED  
1300 TWTh 08:00a-10:50a Staff  IAC-123  
1911 MTW 08:00a-10:50a De la Cruz Y  IAC-122  
1301 MTW 11:00a-01:50p Toth R  IAC-123  
6113 TWTh 05:30p-08:20p Barnes L  IAC-109  
9408 TWTh 12:00p-02:05p Danielson D  IAC-122  
Section 9408 is held from 06/08/15 to 07/30/15.  
LOS BAÑOS  
4358 TWTh 08:00a-10:50a Kludt K  LB-B-137  

ENGL-84 FOUNDATIONS IN WRITING III  
5 units: 90 total hours lecture.  
Prerequisite: ENGL-83 or ESL-83. Advisory: Concurrent enrollment  
in READ-81.  
This course focuses on developing short, unified essays through intensive  
practice in writing, including composition structure and paragraph  
development, application of English grammar and usage in conjunction  
with written work, as well as analysis of and response to relevant texts.  
MERCED  
9406 MTWTh 08:00a-10:35a Toth R  AHC-125  
Section 9406 is held from 06/08/15 to 07/30/15.  

ENGL-85 FOUNDATIONS IN ACADEMIC LITERACY  
5 units: 72 total hours lecture, 54 total hours lab.  
Prerequisite: READ-81 and ENGL-84  
This course focuses on a process-based approach to writing essays,  
including an introduction to argumentation, and offers a review of grammar  
and English usage in conjunction with composition assignments.  
MERCED  
9070 MTWTh 08:00a-10:05a Smith V  VOC-110  
& MTW 10:15a-12:20p Smith V  IAC-139  
Section 9070 is held from 06/08/15 to 07/30/15.  
9071 MTWTh 10:20a-12:25p Franks S  VOC-110  
& MTW 12:45p-02:50p Franks S  IAC-139  
Section 9071 is held from 06/08/15 to 07/30/15.  
9073 MTWTh 10:20a-12:25p Canal D  VOC-111  
& MTW 12:45p-02:50p Canal D  IAC-140  
Section 9073 is held from 06/08/15 to 07/30/15.  
9075 MTWTh 12:45p-02:50p White M  VOC-110  
& MTW 03:00p-05:05p White M  IAC-139  
Section 9075 is held from 06/08/15 to 07/31/15.  
9076 MTWTh 05:30p-07:35p Brown G  VOC-111  
& MTW 08:00p-09:25p Brown G  IAC-139  
Section 9076 is held from 06/08/15 to 07/30/15.  
LOS BAÑOS  
4370 MTWTh 08:00a-10:50a Chavez C  LB-B-136  
& MTWTh 12:00p-02:05p Chavez C  LB-A-109  
Section 4370 requires the Aplia bundle with software access  
code. Fees apply, please refer to www.mercedcollegebookstore.  
com.  

GEORG-02 WORLD GEOGRAPHY  
(C-ID GEOG 125)  (CSU breadth area D5)  (IGETC area 4E)  
3 units: 54 total hours lecture.  
Advisory: ENGL-85.  
GEORG-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 TWTh 08:00a-10:50a Phillips S  IAC-106  

GUIDANCE (GUID)  
GUID-30 FOUNDATIONS AND STRATEGIES FOR COLLEGE SUCCESS  
(CSU breadth area E)  
3 units: 54 total hours lecture.  
Advisory: ENGL-85.  
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/HYBRID  
2418 ONLINE Cambridge I  
CONTACT: For course-specific questions, contact cambridge.i@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209)381-6565.  
MERCED  
1800 MTW 08:00a-10:50a Gonzalez A  VOC-139  

GUID-54 FOUNDATIONS AND STRATEGIES FOR ACADEMIC RECOVERY  
3 units: 54 total hours lecture.  
Advisories: READ-81, ENGL-84.  
This course is appropriate for students wishing to improve their academic  
standing.  
ONLINE/HYBRID  
2431 ONLINE Soto G  
CONTACT: For course-specific questions, contact soto.g@mccd.edu. For technology problems, contact the help desk at www.mccd.edu/myhelp/ or (209)381-6565.  

HEALTH (HLTH)  
HLTH-10 CONTEMPORARY HEALTH  
(CSU breadth area E)  
3 units: 54 total hours lecture.  
Advisory: ENGL-85.  
This course surveys the human condition from birth to death. Emphasis is  
placed on the impact of personal choice throughout life.  
ONLINE/HYBRID  
2900 ONLINE Devine N  
Section 2900 is held from 06/08/15 to 07/30/15.  
CONTACT: devine.n@mccd.edu.  
2904 ONLINE Casey R  
Section 2904 is held from 06/08/15 to 07/30/15.  
CONTACT: casey.r@mccd.edu.  
MERCED  
1062 MTWTh 08:00a-10:05a Huddleston A  GYM-2  
1083 MTWTh 10:15a-12:20p Severo S  GYM-2  

HISTORY (HIST)  
HIST-04A HISTORY OF CIVILIZATION: PART I  
(CSU breadth area C2/D6)  (IGETC area 3B)  
3 units: 54 total hours lecture.  
Advisory: ENGL-85.  
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  
9306 MTWTh 12:30p-04:45p Lorenz M  VOC-8  
Section 9306 is held from 06/08/15 to 06/25/15.  
HIST-17A UNITED STATES HISTORY AND UNITED STATES CONSTITUTION  
(CSU breadth area C2/D6/F1/F2)  (IGETC area 3B/4F)  
3 units: 54 total hours lecture.  
Advisories: ENGL-01A.  
This is an extensive survey course of United States history from the period  
of exploration to the Reconstruction Period.  
ONLINE/HYBRID  
2490 ONLINE Gardner J  
CONTACT: jennifer.gardner@mccd.edu
KINE-14 BEGINNING VOLLEYBALL
1 unit: 54 total hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course begins with the basic skills and court positions necessary to enjoy the sport. Each class session begins with warm-up exercises and "dry-land" drills. Skill period ends with class participation in a volleyball match.

KINE-24B TECHNIQUES AND STROKE DEVELOPMENT FOR SWIMMING
1 unit: 54 hours lab.
Advisory: KINE-24A.
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.

KINE-24A BEGINNING SWIMMING
1 unit: 54 total hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course is a general introduction to swimming and aquatics. It is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.

KINE-02 FIRST AID AND CPR FOR THE PROFESSIONAL RESCUER
(C-ID KIN 101)
3 units: 54 total hours lecture.
Advisory: ENGL-85.
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.

KINE-21B UNITED STATES HISTORY AND CALIFORNIA STATE AND LOCAL GOVERNMENT
(CSU breadth area C2/D6/F1/F2) (IGETC area 3B/4F)
3 units: 54 total hours lecture.
Advisories: ENGL-01A.
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.

KINESIOLOGY (KINE)
LEARNING RESOURCES (LRNR)
LRNR-30 INFORMATION COMPETENCY IN THE ELECTRONIC AGE
(CILC areas A,B,C,D,E,F,G)
3 units: 54 total hours lecture.
Prerequisite: ENGL-85. 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.

KINE-34 FITNESS THROUGH ACTIVITY
1 unit: 54 total 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.

KINE-32 CIRCUIT WEIGHT TRAINING
1 unit: 54 total 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.

LEARNING RESOURCES (LRNR)
LRNR-30 INFORMATION COMPETENCY IN THE ELECTRONIC AGE
(CILC areas A,B,C,D,E,F,G)
3 units: 54 total hours lecture.
Prerequisite: ENGL-85. 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.

MGMT-50C TIME MANAGEMENT
0.5 unit: 9 total hours lecture.
Advisories: READ-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.

MGMT-50C TIME MANAGEMENT
0.5 unit: 9 total hours lecture.
Advisories: READ-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.

LEARNING RESOURCES (LRNR)
LRNR-30 INFORMATION COMPETENCY IN THE ELECTRONIC AGE
(CILC areas A,B,C,D,E,F,G)
3 units: 54 total hours lecture.
Prerequisite: ENGL-85. 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.

LEARNING RESOURCES (LRNR)
LRNR-30 INFORMATION COMPETENCY IN THE ELECTRONIC AGE
(CILC areas A,B,C,D,E,F,G)
3 units: 54 total hours lecture.
Prerequisite: ENGL-85. 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.
MATH-02 PRECALCULUS
(CSU breadth area B4) (IGETC area 2)
4 units: 72 total hours lecture.
Prerequisite: MATH-25. Advisory: ENGL-85.
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.

MERGED
1057 < MTWTh 08:00a-10:50a Gargova S SCI-202
1074 < MTWTh 08:00a-10:50a Badal M VOC-112

MATH-10 ELEMENTARY STATISTICS
(CSU breadth area B4) (IGETC area 2)
3 units: 54 total hours lecture.
Prerequisite: MATH-C. Advisory: ENGL-85.
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/HYBRID
2411 < HYBRID Clark J
CONTACT: clark.j@mccd.edu
ORIENTATION: MANDATORY: June 08, 2015; 11:00a-12:50p; VOC-140.
IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 29, 2015; 11:00a-12:50p; VOC-140.
MANDATORY - Final Exam - July 16, 2015; 11:00a-12:50p; VOC-140.
COMMENTS: See syllabus on web site. Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.
rigonometry functions, solve trigonometric equations, solve right triangles, solve triangles using the Law of Sines, and Law of Cosines.

**ONLINE/HYBRID**

2412 HYBRID Mitchell P

CONTACT: patrick.mitchell@mccd.edu

ORIENTATION: MANDATORY: June 08, 2015; 03:30p-05:20p; SCI-207.

IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 29, 2015; 03:30p-05:20p; SCI-207.

MANDATORY - Final Exam - July 16, 2015; 03:30p-05:20p; SCI-207.

COMMENTS: Bring required class material to orientation. Students who do not attend the mandatory orientation will be dropped in favor of waitlisted students.

**MERCED**

1059 MTWTh 08:00a-10:05a Bautista E SCI-111

6016 MTWTh 05:30p-07:35p Staff VOC-112

**LOS BAÑOS**

4598 TWTh 08:00a-10:50a Sutterfield M LB-B-134

**MATH-80 PREALGEBRA**

4 units: 72 total hours lecture.

Prerequisite: MATH-91. Advisories: READ-81.

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.

**ONLINE/HYBRID**

2409 HYBRID Rieg K

CONTACT: kristen.rieg@mccd.edu

ORIENTATION: MANDATORY: June 08, 2015; 01:00p-02:50p; SCI-207.

IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 25, 2015; 01:00p-02:50p; SCI-207.

MANDATORY - Final Exam - July 16, 2015; 01:00p-02:50p; SCI-207.

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

**MERCED**

1047 MTWTh 12:30p-03:20p Mohan R SCI-208

1060 MTWTh 12:30p-03:20p Rivero J SCI-111

6019 MTWTh 05:30p-08:20p Linebaugh B IAC-144

**MATH-81 BEGINNING ALGEBRA**

4 units: 72 total hours lecture.

Prerequisite: MATH-80. Advisory: ENGL-85.

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.

**ONLINE/HYBRID**

2410 HYBRID McDonald T

CONTACT: travis.mcdonald@mccd.edu; (209)-384-6291

ORIENTATION: MANDATORY: June 08, 2015; 02:00p-03:50p; SCI-202.

IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 25, 2015; 02:00p-03:50p; SCI-202.

MANDATORY - Final Exam - July 16, 2015; 02:00p-03:50p; SCI-202.

2413 HYBRID Kehoe J

CONTACT: julie.kehoe@mccd.edu;

ORIENTATION: MANDATORY: June 08, 2015; 09:00a-10:50a; SCI-110.

IN-CLASS SESSIONS: MANDATORY - Mid-Term - June 25, 2015; 09:00a-10:50a; SCI-110.

MANDATORY - Final Exam - July 16, 2015; 09:00a-10:50a; SCI-110.

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

**MUSG-10 MUSIC FUNDAMENTALS**

(C-ID MUS 110) (CSU breadth area C1) (IGETC area 3A)

3 units: 54 total hours lecture.

Advisory: ENGL-84.

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**

1245 MTWTh 10:15a-12:20p Dahman N MUS-2

**MUSG-14 AMERICAN POPULAR MUSIC HISTORY**

(CSU breadth area C1) (IGETC area 3A)

3 units: 54 total hours lecture.

Advisory: ENGL-85.

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. This course is designed for the non-music major.

**MERCED**

1909 TWTh 08:00a-10:50a Taylor K IAC-145

1270 TWTh 02:00p-04:50p Keane F IAC-145

**LOS BAÑOS**

4630 MTW 08:00a-10:50a Staff LB-B-106

**NUTRITION (NUTR)**

**NUTR-10 NUTRITION**

(CSU breadth area E)

3 units: 54 total hours lecture.

Prerequisite: ENGL-85. Advisory: MATH-81.

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.

**ONLINE/HYBRID**

2401 HYBRID Cronk L

CONTACT: www.mccd.edu/myhelp/ or crongk@l@mccd.edu

ORIENTATION: MANDATORY - Tuesday, June 09, 2015; 04:00p-05:50p; COM-2.

N-CLASS SESSION MIDTERM MANDATORY: Tuesday, June 30, 2015; 04:00p-05:50p.

IN-CLASS SESSION FINAL EXAM: Tuesday, July 14, 2015; 04:00p-05:50p in VOC-141.

**MERCED**

1101 MTW 08:00a-10:50a Caudle N VOC-37

**PHILOSOPHY (PHIL)**

**PHIL-10 CRITICAL THINKING**

(CSU breadth area A3) (CILC area G)

3 units: 54 total hours lecture.

Prerequisites: ENGL-85. 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 IAC-109
PHIL-13  CRITICAL REASONING AND WRITING (ALSO: ENGL-13)
(CSU breadth area A3) (IGETC area 1B) [CILC area G]
3 units: 54 total hours lab.
Prerequisite: ENGL-01A.
This course offers instruction in argumentative and critical writing, critical thinking, research strategies, information literacy, and proper documentation.

PHOT-10A  INTRODUCTION TO PHOTOGRAPHY
3 units: 36 total hours lecture, 54 total hours lab.
Advisory: ENGL-85.
Introduction to Photography covers camera and darkroom principles of black and white photography. Topics include current aesthetic trends and compositional elements, image capture techniques, exposure control, film developing, contact prints, enlargements, lighting, filters, print finishing and photo mounting.

PHED-10H  WALKING FOR CARDIOVASCULAR CONDITIONING AND FLEXIBILITY
1 unit: 54 total hours lab.
Advisory: Good general health; absence of medical conditions that would prevent planned physical activity.
This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities. Students will use the latest techniques and equipment to improve walking performance.

PSYC-09  HUMAN DEVELOPMENT (ALSO: CLDV-09)
(C-ID PSY 180) (CSU breadth area E)
3 units: 54 total hours lecture.
Advisory: ENGL-85.
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.

PSYC-22  HUMAN SEXUALITY
(C-ID PSY 130) (CSU breadth area D9/E) (IGETC area 4I)
3 units: 54 total hours lecture.
Advisory: ENGL-85.
This course explores the psychology of human sexuality. Psychological, biological, and sociocultural research is presented concerning all aspects of human sexuality in contemporary society.

PHYS-02A  GENERAL PHYSICS I
(CSU breadth area B1/B3) (IGETC area 5A/5C)
4 units: 54 total hours lecture, 54 total hours lab.
Prerequisite: MATH-02 or MATH-02H; or MATH-25 and MATH-26.
Advisory: ENGL-85.
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.
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-01:35p Lang K AHC-148
Section 9059 is held from 05/26/15 to 08/04/15.

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 total TBA hours lab Lang K HOSP
Section 9063 is held from 05/27/15 to 08/07/15.
Section 9063 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 AHC-148
Section 9072 is held from 05/27/15 to 08/05/15.

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.

MERced
9074 378 total TBA hours lab Lang K HOSP
Section 9074 is held from 05/26/15 to 08/07/15.
Section 9074 includes a 30 minute break.

READING (READ)

READ-81 FOUNDATIONS IN READING III
4 units: 54 total hours lecture, 54 total hours lab.
Prerequisite: READ-80 or ESL-80. Advisory: Concurrent enrollment in ENGL-84.
This course is designed to improve a variety of reading comprehension skills and critical reading/thinking skills.

MERced
9407 MTWTh 08:00a-09:25a Rivero E VOC-111
& MTW 09:45a-11:50a Rivero E IAC-139
Section 9407 is held from 06/08/15 to 07/30/15.

SONOGRAPHY, DIAGNOSTIC MEDICAL (SONO)

SONO-44A ADVANCED ULTRASOUND PHYSICS
[CILC area B]
1.5 units: 27 total 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.

MERced
9227 T 08:00a-11:10a Zelinsky C AHC-157
Section 9227 is held from 06/09/15 to 07/28/15.

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
9228 252 total hours TBA lab Zelinsky C HOSP
Section 9228 is held from 06/08/15 to 07/31/15.

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; and pathology and clinical symptomology and how they relate to the sonographic appearance of these structures.

MERced
9229 T 12:00p-04:15p Zelinsky C AHC-157
Section 9229 is held from 06/09/15 to 07/28/15.

SPANISH (SPAN)

SPAN-01 ELEMENTARY SPANISH
(C-ID SPAN 100) (CSU breadth area C2) (IGETC area 6)
5 units: 90 total hours lecture.
Advisory: ENGL-84.
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
1098 MTWTh 08:00a-11:35a Monroe R IAC-108
1107 MTWTh 11:45a-03:20p Garcia Diaz M IAC-108
LOs BAñOS
4760 MTWTh 12:00p-03:35p Wynne C LB-B-112