Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in ENG 001A and REA 054. Prerequisites and co-requisites are mandatory. If you are blocked from enrolling in a class because you have not met the requisite, see your counselor. Courses used to meet Prerequisite: and co-requisite requirements must have been completed with a grade of C, credit, or better. Advisories are recommendations only.

THE MISSION COLLEGE CATALOG IS YOUR REFERENCE DOCUMENT FOR DETAILED DEGREE, COURSE OR COLLEGE INFORMATION. PLEASE VISIT CATALOG.MISSIONCOLLEGE.EDU TO VIEW OR DOWNLOAD THE MISSION COLLEGE CATALOG.

ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. Go to College Web Services available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.
**Accounting (ACC)**

**ACC 001A  Financial Accounting (4.0 Lecture)**
Advisory: MAT 903. This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers recording and reporting of business transactions, generally accepted accounting principles, financial statements, and statement analysis. **Transfer: CSU/UC**

50137 MTWR 10:00AM - 1:00PM Mostyn MT 22
**NOTE:** Textbook Discount - Use school email to contact instructor for textbook online purchase.

50124 ONLINE Christopher
**NOTE:** This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Monday, June 10, from 3pm to 5pm, or from 6pm to 8pm, in GC 302, and a mandatory ON CAMPUS final exam on July 18 from 3pm to 5pm, or from 6pm to 8pm, in GC 302. Contact the instructor to resolve a time conflict with the final exam date. To add this class on or after the first day of instruction, students must contact the instructor directly at betty.christopher@missioncollege.edu.

50138 ONLINE Christopher
**NOTE:** This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Monday, June 10, from 3pm to 5pm, or from 6pm to 8pm, in GC 302, and a mandatory ON CAMPUS final exam on July 18 from 3pm to 5pm, or from 6pm to 8pm, in GC 302. Contact the instructor to resolve a time conflict with the final exam date. To add this class on or after the first day of instruction, students must contact the instructor directly at betty.christopher@missioncollege.edu.

**ACC 001B  Managerial Accounting (4.0 Lecture)**
Advisory: MAT 903 Prerequisite ACC 001A This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. The course covers cost behavior, cost-volume-profit analysis, profit planning, and performance analysis in manufacturing and service environments. **Transfer: CSU/UC**

50202 ONLINE Venkata
**NOTE:** This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Monday, June 10, from 7pm to 9pm, in GC 229, and a mandatory ON CAMPUS final exam on Thursday, July 18, from 7pm to 9pm, in GC 229. Contact the instructor to resolve a time conflict with the final exam date at lakshmamma.venkata@missioncollege.edu.

**ACC 021A  Basic Accounting I (2.0 Lecture)**
This is a first course designed to provide a "user-friendly" yet comprehensive introduction to the most basic accounting concepts and procedures. It is recommended for individuals who want an introduction to basic accounting or have had difficulty in introductory accounting. Accounting 021A includes entity concepts, transaction analysis, record-keeping with a single (general) journal and single ledger, basic financial statements, and the accounting cycle through the trial balance. A supplementary basic math review for accounting is also included. Prerequisite NONE Pass/No Pass Option. **Transfer: CSU/UC**

50833 MTWR 8:00AM - 9:20AM Staff SEC 309

**ACC 033  Forecasting Financial Statements Using Excel (1.5 Lecture)**
Prerequisite: ACC 001A This course combines the theory and procedure of cash budgeting and financial statement projection with the spreadsheet program Excel. Students build Excel spreadsheet models to project an income statement, balance sheet, and cash flow budget. Pass/No Pass Option. **Transfer: CSU**

50834 ONLINE Staff

**ACC 034  Business Financial Planning Using Excel (1.5 Lecture)**
Prerequisite ACC 001A This course combines the theory and procedure of financial planning and analysis with the use of the spreadsheet program Excel. Students build Excel spreadsheet models to do loan amortization, capital budgeting, lease vs. buy analysis, and breakeven analysis. ACC 033 is not a prerequisite. Pass/No Pass Option. **Transfer: CSU**

50835 ONLINE Staff

**ACC 060  Computerized Accounting: QuickBooks (3.0 Lecture)**
Advisory: ACC 001A It is recommended that students have completed, or be concurrently enrolled in, ACC 001A or have previous accounting experience. Students use QuickBooks software to set up, enter transactions, and produce reports. Pass/No Pass Option. **Transfer: CSU**

50203 ONLINE Manske
**NOTE:** This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at steven.manske@missioncollege.edu.

**ACC 070  Ethics in Accounting (3.0 Lecture)**
Prerequisite ACC 001A This course involves the study of ethical problems which arise within accounting and corporate management. The focus is on ethical issues in corporate case studies such as Enron, Worldcom, Sunbeam, and Madoff. **Transfer: CSU**

50519 ONLINE Staff

**Anthropology (ANT)**

**ANT 001  Physical Anthropology (3.0 Lecture)**
The study of human origins, including evolution, genetics, variability, fossil evidence for human evolution, comparative primate anatomy and behavior. Transfers as a Biological Science. Pass/No Pass Option. **Transfer: CSU**

50403 ONLINE Ybarra
SUMMER SESSION COURSES 2019 Schedule of Classes

ART 049A  Painting (2.0 Lecture/1.0 Lab)
Prerequisite ART 049A This course is low intermediate studio practice which focuses on strengthening the basic skills learned in ART 049A. Emphasis is placed upon self-expression, composition, and color theory. Pass/No Pass Option.
Transfer: CSU/UC
50657 MTWR 12:40PM - 1:55PM Engel GC 104
MTWR 1:55PM - 4:55PM Engel GC 104

ART 049B  Painting (2.0 Lecture/1.0 Lab)
Prerequisite ART 049A This course is low intermediate studio practice which focuses on strengthening the basic skills learned in ART 049A. Emphasis is placed upon self-expression, composition, and color theory. Pass/No Pass Option.
Transfer: CSU/UC
50657 MTWR 12:40PM - 1:55PM Engel GC 104
MTWR 1:55PM - 4:55PM Engel GC 104

ART 049C  Painting (2.0 Lecture/1.0 Lab)
Prerequisite ART 049B This course is high intermediate studio practice which focuses on mixed media, self-expression, composition, and content. Pass/No Pass Option.
Transfer: CSU/UC
50658 MTWR 12:40PM - 1:55PM Engel GC 104
MTWR 1:55PM - 4:55PM Engel GC 104

ART 049D  Painting (2.0 Lecture/1.0 Lab)
Prerequisite ART 049C This course is advanced studio practice which focuses on developing individual style and direction in painting. Pass/No Pass Option. Transfer: CSU/UC
50836 MTWR 12:40PM - 1:55PM Engel GC 104
MTWR 1:55PM - 4:55PM Engel GC 104

ART 050A  Ceramics-Handbuilding (2.0 Lecture/1.0 Lab)
Introductory course in ceramics emphasizing hand-building techniques. Pass/No Pass Option. Transfer: CSU/UC
50266 MTWR 10:15AM - 11:30AM Coon A 110
MTWR 11:30AM - 2:30PM Coon A 110
NOTE: $20.00 material fee.

ART 050B  Ceramics-Handbuilding (2.0 Lecture/1.0 Lab)
Prerequisite ART 050A ART 050B is an advanced course in ceramics/hand-building techniques, firing kilns, clay body construction, and the creation of projects directed toward individualized self-expression. Pass/No Pass Option.
Transfer: CSU/UC
50659 MTWR 10:15AM - 11:30AM Coon A 110
MTWR 11:30AM - 2:30PM Coon A 110
NOTE: $20.00 material fee.

ART 050C  Ceramics-Handbuilding (2.0 Lecture/1.0 Lab)
Prerequisite ART 050B ART 050C is an advanced course in ceramics/hand-building techniques, firing kilns, clay body construction, and the creation of projects directed toward individualized self-expression. Pass/No Pass Option.
Transfer: CSU/UC
50839 MTWR 10:15AM - 11:30AM Coon A 110
MTWR 11:30AM - 2:30PM Coon A 110
NOTE: $20.00 material fee.

ART 050D  Ceramics-Handbuilding (2.0 Lecture/1.0 Lab)
Prerequisite ART 050C ART 050D is an advanced course in ceramics/hand-building techniques, firing kilns, clay body construction, and the creation of projects directed toward individualized self-expression. Pass/No Pass Option.
Transfer: CSU/UC
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. For more information, please contact instructor at jean.replicon@missioncollege.edu. Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

ART 067A Ceramics-Potter’s Wheel (2.0 Lecture/1.0 Lab)
Covers basic skills & techniques using potter’s wheel. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50267 MTWR 10:15AM - 11:30AM Coon A 110
MTWR 11:30AM - 2:30PM Coon A 110
NOTE: $20.00 material fee.

ART 067B Ceramics-Potter’s Wheel (2.0 Lecture/1.0 Lab)
Prerequisite ART 067A This is an advanced course which focuses on different aspects of sculpture with supervised participatory experience. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50841 MTWR 10:15AM - 11:30AM Coon A 110
MTWR 11:30AM - 2:30PM Coon A 110
NOTE: $20.00 material fee.

ART 067C Ceramics-Potter’s Wheel (2.0 Lecture/1.0 Lab)
Prerequisite ART 067B This course focuses on advanced aspects of working with the potter’s wheel. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50268 MTWR 10:15AM - 11:30AM Coon A 110
MTWR 11:30AM - 2:30PM Coon A 110
NOTE: $20.00 material fee.

ART 067D Ceramics-Potter’s Wheel (2.0 Lecture/1.0 Lab)
Focus on advanced aspects of working with potter’s wheel. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50842 MTWR 10:15AM - 11:30AM Coon A 110
MTWR 11:30AM - 2:30PM Coon A 110
NOTE: $20.00 material fee.

ART 085A Sculpture (2.0 Lecture/1.0 Lab)
Advisory: ART 031A or Advisory: ART 033B This is an introductory course in sculpture emphasizing personal expression. A variety of materials and techniques will be explored. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50844 TWR 2:30PM - 4:45PM Todaro A 103
TWR 4:45PM - 6:40PM Todaro A 103
NOTE: $15.00 material fee.

ART 085B Sculpture (2.0 Lecture/1.0 Lab)
Prerequisite ART 085A ART 085B builds on skills and concepts learned in ART 085A, and introduces new techniques. Students explore the development of a personal style of sculpture design. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50845 TWR 2:30PM - 4:45PM Todaro A 103
TWR 4:45PM - 6:40PM Todaro A 103
NOTE: $15.00 material fee.

ART 085C Sculpture (2.0 Lecture/1.0 Lab)
Prerequisite ART 085B This is an advanced sculpture course which provides students with an opportunity to build on previous experience and explore new techniques. It focuses on different aspects of course content with supervised participatory experience. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50846 TWR 2:30PM - 4:45PM Todaro A 103
TWR 4:45PM - 6:40PM Todaro A 103
NOTE: $15.00 material fee.

ART 085D Sculpture (2.0 Lecture/1.0 Lab)
Prerequisite ART 085C This is an advanced course which focuses on different aspects of sculpture with supervised participatory experience. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18
50847 TWR 2:30PM - 4:45PM Todaro A 103
TWR 4:45PM - 6:40PM Todaro A 103
NOTE: $15.00 material fee.

Biological Sciences (BIO)

BIO 004 Microbiology (3.0 Lecture/2.0 Lab)
Prerequisite CHM 001A or Prerequisite CHM 060 or Prerequisite CHM 030A or Prerequisite CHM 030B ; and Prerequisite BIO 010 and Prerequisite BIO 010L , or Prerequisite BIO 011 or Prerequisite BIO 022 or Prerequisite BIO 041 or Prerequisite BIO 043 or Prerequisite BIO 048 This course is intended for nursing and other health-science majors. Lecture topics include the morphology and physiology of the major groups of microorganisms, microbial genetics, mechanisms of infection and disease, and the human immune response to infection. Laboratory activities focus on the culture and identification of bacteria of medical importance. Transfer: CSU/UC 6/10 -8/1
50742 ONLINE Replicon
NOTE: 6.8 weekly online hours. This online section has three mandatory on-campus exams on Wednesdays, 6/26, 7/17 and 7/31 from 4-6 pm in room SCI 140. View orientation video on our class’s web page on Canvas. For more information, please contact instructor at jean.replicon@missioncollege.edu.

50123 MTWR 9:20AM - 10:45AM Drazkiewicz GC 221
MTWR 10:55AM - 2:10PM Drazkiewicz SCI 216
50130 MTWR 5:25PM - 6:50PM Ansari SCI 120
MTWR 7:00PM - 10:15PM Ansari SCI 216

BIO 010 Introduction to Biology (3.0 Lecture)
BIO 010 is an introductory course in biology designed for the non-biological sciences major. Topics include cell structure and function, energy exchange and life processes, taxonomy, ecology, heredity, diversification and evolution. This lecture course may be taken with or without BIOSC 010L , Introduction to Biology Lab. Pass/No Pass Option. Transfer: CSU/UC 6/10 -8/1
50742 ONLINE Replicon
NOTE: 6.8 weekly online hours. This online section has three mandatory on-campus exams on Wednesdays: 6/26, 7/17 and 7/31 from 6-8 pm in SCI 140. View orientation video on our class’s web page on Canvas. For more information, please contact instructor at jean.replicon@missioncollege.edu.

50142 ONLINE Replicon
NOTE: 6.8 weekly online hours. This online section has three mandatory on-campus exams on Wednesdays: 6/26, 7/17 and 7/31 from 6-8 pm in SCI 140. View orientation video on our class’s web page on Canvas. For more information, please contact instructor at jean.replicon@missioncollege.edu.

BIO 010L Introduction to Biology Lab (1.0 Lab)
Corequisite BIO 010L or Prerequisite BIO 010L This is an introductory general biology laboratory course designed for non-science majors. All students who enroll in this lab course must also enroll in a BIO 010 lecture. Pass/No Pass Option. Transfer: CSU/UC 6/10 -8/1
50150 MW 12:40PM - 3:50PM Smiley SCI 230

BIO 011 Human Biology (3.0 Lecture/1.0 Lab)
This course is an introduction to biology concepts and principles, using humans as a model. BIOSC 011 satisfies the same general education requirement as BIOSC 010. Pass/No Pass Option. Transfer: CSU/UC 6/10 -8/1
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at www.instructure.com. Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

### Mission College SUMMER SESSION COURSES 2019 Schedule of Classes

#### BIO 048 Human Physiology (3.0 Lecture/2.0 Lab)
Prerequisite BIO 047; and Prerequisite CHM 001A or Prerequisite CHM 001AH or Prerequisite CHM 030A or Prerequisite CHM 060; Advisory: MAT 000C or Advisory: MAT 000CM This course provides students with a basic understanding of the physiological mechanisms underlying body function, including the chemical and cellular basis for the workings of the nervous, muscular, cardiovascular, respiratory, renal and digestive systems. The laboratory portion familiarizes students with scientific analysis and research techniques. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Times</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50186</td>
<td>MTWR</td>
<td>5:25PM - 6:50PM</td>
<td>Do</td>
<td>GC 229</td>
</tr>
<tr>
<td>50186</td>
<td>MTWR</td>
<td>7:00PM - 9:15PM</td>
<td>Do</td>
<td>GC 111</td>
</tr>
<tr>
<td>50921</td>
<td>MTWR</td>
<td>12:40PM - 2:05PM</td>
<td>Javier-Tolentino</td>
<td>GC 229</td>
</tr>
<tr>
<td>50921</td>
<td>MTWR</td>
<td>2:15PM - 5:30PM</td>
<td>Javier-Tolentino</td>
<td>GC 111</td>
</tr>
</tbody>
</table>

#### Business (BUS)

##### BUS 021 Introduction to Business Computing (3.0 Lecture)
This course provides an overview of computer information systems and their use in business and society. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50312</td>
<td>6/10 - 7/18</td>
<td>5:00PM - 6:00PM</td>
<td>GC 229</td>
</tr>
</tbody>
</table>

##### BUS 021L Introduction to Business Computing Laboratory (1.0 Lab)
This course provides hands-on training in business applications. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50313</td>
<td>6/10 - 7/18</td>
<td>5:00PM - 6:00PM</td>
<td>GC 229</td>
</tr>
</tbody>
</table>

##### BUS 028A Business Law I (3.0 Lecture)
This course provides an introduction to the laws in the United States with an emphasis on matters relating to the conduct of business and commerce. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50314</td>
<td>6/10 - 7/18</td>
<td>5:00PM - 6:00PM</td>
<td>GC 229</td>
</tr>
</tbody>
</table>

##### BUS 051 Introduction to American Business (3.0 Lecture)
In this survey course, students are introduced to career opportunities available in business. This is a required first course for all business majors, and should be taken within their first year as a business major. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50316</td>
<td>6/10 - 7/18</td>
<td>5:00PM - 6:00PM</td>
<td>GC 229</td>
</tr>
</tbody>
</table>

#### BIO 012 Emerging Infectious Diseases (3.0 Lecture)
In this introductory biology course, learn how infectious agents cause disease, and what factors are leading to the emergence of new diseases such as mad cow, SARS, and drug-resistant tuberculosis. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50157</td>
<td>ONLINE</td>
<td>5:00PM - 6:00PM</td>
<td>Hulbert</td>
</tr>
</tbody>
</table>

#### BIO 014 Introductory Neuroscience (3.0 Lecture)
This course is an introduction to the organization and functions of the nervous system. The physiology of the brain and senses are discussed. Emotions, sleep, language, attention, memory, and a survey of nervous system disorders are explored. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50404</td>
<td>ONLINE</td>
<td>5:00PM - 6:00PM</td>
<td>Neary</td>
</tr>
</tbody>
</table>

#### BIO 022 Anatomy & Physiology for Allied Health Workers (3.0 Lecture/1.0 Lab)
This course is an overview of the normal structure and function of the human body and is designed to provide a foundation for the study of disease and dysfunction in the clinical setting. BIOSC 022 is designed to meet the state board requirements for VN and PT programs. Transfer: CSU

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50162</td>
<td>TR</td>
<td>7:35AM - 10:45AM</td>
<td>Koppar</td>
</tr>
<tr>
<td>50162</td>
<td>TR</td>
<td>10:55AM - 2:05PM</td>
<td>Koppar</td>
</tr>
</tbody>
</table>

#### BIO 047 Human Anatomy (3.0 Lecture/2.0 Lab)
Prerequisite BIO 010 and Prerequisite BIO 010L; or Prerequisite BIO 011, or Prerequisite BIO 022, or Prerequisite BIO 041, or Prerequisite BIO 043 This course is a detailed lecture and laboratory study of the gross and microscopic structures of the human body in preparation for careers in nursing, physical therapy, occupational therapy, kinesiology, etc. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>Section</th>
<th>Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>50179</td>
<td>MTWR</td>
<td>12:40PM - 2:05PM</td>
<td>Staff</td>
</tr>
<tr>
<td>50179</td>
<td>MTWR</td>
<td>2:15PM - 5:30PM</td>
<td>Staff</td>
</tr>
<tr>
<td>50181</td>
<td>MTWR</td>
<td>5:25PM - 6:50PM</td>
<td>Moossavi</td>
</tr>
<tr>
<td>50181</td>
<td>MTWR</td>
<td>7:00PM - 9:15PM</td>
<td>Moossavi</td>
</tr>
</tbody>
</table>
### Chemistry (CHM)

**CHM 001A General Chemistry (3.0 Lecture/2.0 Lab)**
Prerequisite: CHM 002 or High School Chemistry with a "B" or better; and MAT 000C or MAT 000CM. This course is preprofessional chemistry for students planning a career in science related fields. High school Chemistry with a B or better is required. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50145</td>
<td>MTWR</td>
<td>11:45AM - 1:10PM</td>
<td>Viernes</td>
<td>SCI 120</td>
</tr>
<tr>
<td>50156</td>
<td>MTWR</td>
<td>1:20PM - 3:45PM</td>
<td>Viernes</td>
<td>SCI 270</td>
</tr>
</tbody>
</table>

**CHM 001AH General Chemistry I - Honors (3.0 Lecture/2.0 Lab)**
Chemistry 001A is the first of a two-semester of general college-level inorganic chemistry series designed for students majoring in biology, chemistry, engineering, pre-med, and other fields demanding rigorous scientific preparation. Not recommended for nursing. Students cannot get credit for both CHM 001A and CHM 001AH. High school Chemistry with a B is also required. This section requires enrollment in the Honors Transfer Project. More information and the online application can be found at http://honors.missioncollege.edu. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50065</td>
<td>MTWR</td>
<td>11:45AM - 1:10PM</td>
<td>Viernes</td>
<td>SCI 120</td>
</tr>
<tr>
<td>50160</td>
<td>MTWR</td>
<td>1:20PM - 3:45PM</td>
<td>Viernes</td>
<td>SCI 270</td>
</tr>
</tbody>
</table>

**CHM 001B General Chemistry (3.0 Lecture/2.0 Lab)**
Prerequisite: CHM 001A or CHM 001AH. This course is a continuation of CHM 001A (General Chemistry I) and is intended for majors in chemistry, biological sciences, engineering, and professional programs in medicine and pharmacy. Topics include chemical kinetics, chemical equilibrium, thermodynamics, electrochemistry, chemistry of the transition elements, and selected topics in nuclear chemistry. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50160</td>
<td>MTWR</td>
<td>7:45AM - 9:10AM</td>
<td>Al Baker</td>
<td>GC 302</td>
</tr>
<tr>
<td>50161</td>
<td>MTWR</td>
<td>9:20AM - 12:35PM</td>
<td>Al Baker</td>
<td>SCI 270</td>
</tr>
</tbody>
</table>

**CHM 001BH General Chemistry II - Honors (3.0 Lecture/2.0 Lab)**
This course is a continuation of CHEM 001A (General Chemistry I) and is intended for majors in chemistry, biological sciences, engineering, and professional programs in medicine and pharmacy. Topics include chemical kinetics, chemical equilibrium, thermodynamics, electrochemistry, chemistry of the transition elements, and selected topics in nuclear chemistry. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50161</td>
<td>MTWR</td>
<td>7:45AM - 9:10AM</td>
<td>Al Baker</td>
<td>GC 302</td>
</tr>
<tr>
<td>50171</td>
<td>TWR</td>
<td>11:25AM - 2:40PM</td>
<td>Schweppe</td>
<td>SEC 207</td>
</tr>
</tbody>
</table>

**CHM 002 Introductory Chemistry (3.0 Lecture)**
Prerequisite MAT 000C or any MAT course higher than MAT 000C. This is a preprofessional chemistry course designed for students planning a career in science-related fields and to prepare students for CHM 001A. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50171</td>
<td>TWR</td>
<td>11:25AM - 2:40PM</td>
<td>Schweppe</td>
<td>SEC 207</td>
</tr>
</tbody>
</table>

### Child Development (CHD)

**CHD 001 Child Growth and Development (3.0 Lecture)**
This course is a study of typical and atypical child growth and development in all domains from conception through adolescence. There is an emphasis on interactions between maturational processes and environmental factors within the family cultural context. Students observe children using investigative research methods, evaluate differences and analyze characteristics of development at various stages. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50272</td>
<td>TWR</td>
<td>9:00AM - 12:00PM</td>
<td>Dotson</td>
<td>CDC 45</td>
</tr>
<tr>
<td>50274</td>
<td>ONLINE</td>
<td>9:00AM - 12:00PM</td>
<td>Latta</td>
<td>CDC 45</td>
</tr>
</tbody>
</table>

**CHD 002 Child, Family, and Community (3.0 Lecture)**
This course examines the effect of family and community on a child's development. Families, their functions, and changing family structure are examined. The factors and resources for early interventions and inclusions for families with differing abilities are explored. Interactions among the child, family, school, peers, media and community are discussed. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50275</td>
<td>TWR</td>
<td>1:00PM - 4:00PM</td>
<td>Latta</td>
<td>CDC 45</td>
</tr>
</tbody>
</table>

**CHD 010 Principles and Practices in Education (3.0 Lecture)**
This course is an introductory survey of the field of education. Students explore problems and potentials of education in today's world. This course is designed for those who are considering a professional career in education. **Transfer: CSU**

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50276</td>
<td>MTW</td>
<td>6:00PM - 9:00PM</td>
<td>Deckert</td>
<td>CDC 45</td>
</tr>
</tbody>
</table>
### Communication Studies (COM)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time/Location</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 001</td>
<td>Public Speaking (3.0 Lecture)</td>
<td>8:00AM - 12:15PM</td>
<td>Esparza</td>
<td>SEC 316</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8:30AM - 11:10AM</td>
<td>Ensminger</td>
<td>SEC 320</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11:30AM - 2:10PM</td>
<td>Ensminger</td>
<td>SEC 320</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5:30PM - 8:10PM</td>
<td>Lipman</td>
<td>SEC 320</td>
</tr>
</tbody>
</table>

### Computer Applications (CAP)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time/Location</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAP 092A</td>
<td>Fundamentals of Web 2.0 &amp; Cloud Technologies (2.0 Lecture)</td>
<td>6:00PM - 9:05PM</td>
<td>Gheorghiu</td>
<td>GC 305</td>
</tr>
</tbody>
</table>

Want to learn more about Web 2.0 and cloud technologies? This course provides an introduction to Web 2.0 applications, such as social networking sites (SNS), video-sharing sites, wikis, blogs and mashups. Pass/No Pass Option.

### Computer Information System (CIS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time/Location</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 007</td>
<td>Python Programming (3.0 Lecture/1.0 Lab)</td>
<td>6:00PM - 9:05PM</td>
<td>Ghefraniha</td>
<td>GC 305</td>
</tr>
</tbody>
</table>

This is an introductory course in programming using Python. No prior programming experience required. Students learn to design, code, and execute programs using the Python programming language. This class covers basic programming concepts, object-oriented programming and GUI programming concepts and topics. Pass/No Pass Option.

### CIS 037A Introduction to C Programming (3.0 Lecture/1.0 Lab)

This course is an introduction to the concepts and methods of computer programming using C language. The course covers data types, expressions, control structures, functions, sequential files, arrays, pointers, strings, string library and ADTs. It also covers low level programming elements such as memory manipulations, pass-by reference pointers, structs and bit level manipulation. Pass/No Pass Option.

Transfer: CSU/UC 6/10 - 7/18

50306 MW  8:00AM - 12:15PM | Esparza  SEC 316
50303 MTR 8:30AM - 11:10AM | Ensminger SEC 320
50304 MTR 11:30AM - 2:10PM | Ensminger SEC 320
50305 MTR 5:30PM - 8:10PM | Lipman  SEC 320

### CIS 040 C++ Programming (3.0 Lecture/1.0 Lab)

Advisory: CIS 037A This is an introductory course in programming using C++. Students learn to design, code, and execute programs using the C++ programming language. This class includes control structures, functions, object-oriented programming concepts and topics. Pass/No Pass Option.

Transfer: CSU/UC 6/10 - 7/18

50192 TWR 9:00AM - 11:50AM | Sabherwal GC 219
50590 ONLINE | Morteziaie

### CIS 043 Software Development With Java Programming (3.0 Lecture/1.0 Lab)

This course is an introduction to the concepts and methods of computer programming with an emphasis on OOP (Object-Oriented Programming), using Java programming language. This course also includes applets, GUI (graphical user interface), arrays lists, arrays, streams and exception handling. Pass/No Pass Option.

Transfer: CSU/UC 6/10 - 7/18

50180 TWR 10:00AM - 12:50PM | Gheorghiu MT 24
50193 ONLINE | Sun
50524 ONLINE | Sun

### CIS 044 Fundamentals of Web 2.0 & Cloud Technologies

This course provides an introduction to Web 2.0 applications, such as social networking sites (SNS), video-sharing sites, wikis, blogs and mashups. Pass/No Pass Option.

Transfer: CSU/UC 6/10 - 7/18

50201 ONLINE | Pembrook

NOTE: This section meets ONLINE only using the Canvas online learning management system. Online orientation available in Canvas on the first day of class. If you have any questions, please contact the instructor at curtis.pembrook@missioncollege.edu. To add this class on or after the first day of instruction, students must contact the instructor directly at curtis.pembrook@missioncollege.edu.

### CIS 047 Computer Applications (CAP)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time/Location</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAP 092A</td>
<td>Fundamentals of Web 2.0 &amp; Cloud Technologies (2.0 Lecture)</td>
<td>6:00PM - 9:05PM</td>
<td>Ghefraniha</td>
<td>GC 305</td>
</tr>
</tbody>
</table>

Want to learn more about Web 2.0 and cloud technologies? This course provides an introduction to Web 2.0 applications, such as social networking sites (SNS), video-sharing sites, wikis, blogs and mashups. Pass/No Pass Option.

### CIS 048 Software Development With Java Programming (3.0 Lecture/1.0 Lab)

This course is an introduction to the concepts and methods of computer programming with an emphasis on OOP (Object-Oriented Programming), using Java programming language. This course also includes applets, GUI (graphical user interface), arrays lists, arrays, streams and exception handling. Pass/No Pass Option.

Transfer: CSU/UC 6/10 - 7/18

50540 TWR 6:00PM - 9:05PM | Ghefraniha GC 305
50193 ONLINE | Sun
50524 ONLINE | Sun

NOTE: This section meets ONLINE only using the Canvas online learning management system. Please contact the instructor at helen.sun@missioncollege.edu for details.
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com or schedule.missioncollege.edu for the latest class schedule information.

CIS 045 Linux Essentials I (2.5 Lecture/0.5 Lab)
This is an introductory course in the Linux operating system. Students learn the basic Linux commands and utilities, including files, editors and shell scripting. Pass/No Pass Option. Transfer: CSU
6/11 - 7/18
50194 TR 6:00PM - 9:40PM Krishnamurthy MT 22 ONLINE
NOTE: This is a HYBRID section that meets both ONLINE using Canvas (wvm.instructure.com) and ON-CAMPUS.

CIS 055 Introduction to Database and SQL (2.5 Lecture/0.5 Lab)
This course covers the concepts of relational databases and SQL query language. Students learn to create tables, insert data, update data and retrieve records in a database. This course introduces students to widely used database systems such as Oracle, Microsoft SQL server, and MySQL. Pass/No Pass Option. Transfer: CSU
6/10 - 7/19
50589 ONLINE Magid
ONLINE Magid
NOTE: This section meets only ONLINE using Canvas (wvm.instructure.com). Contact instructor at samir.magid@missioncollege.edu for details.

Computer Information System (CIT)

CIT 012 Introduction to Networking (Network+)
(3.0 Lecture/1.0 Lab)
This course introduces the fundamental building blocks that form the modern network, such as protocols, media, topologies and hardware. It then provides in-depth coverage of the most important concepts in contemporary networking, such as TCP/IP, Ethernet, wireless transmission, virtual networks, security and troubleshooting. This course helps students prepare for entry-level career opportunities in ICT and the CompTIA Network+ certification. It also provides a learning pathway to Cisco CCNA. Pass/No Pass Option. Transfer: CSU
6/10 - 7/19
50195 ONLINE El Kaissi
ONLINE El Kaissi
NOTE: This section meets only ONLINE using Canvas (wvm.instructure.com). Contact instructor at roubia.kaissi@gmail.com for details.

CIT 021 Cisco Network Fundamentals (CISCO-1)
(3.0 Lecture/1.0 Lab)
This course is the first of four courses leading to the CCNA designation. This course introduces the architecture, structure, functions, components, and protocols of the Internet and other computer networks. Pass/No Pass Option. Transfer: CSU
6/10 - 7/15
50196 ONLINE Abdeljabbar
ONLINE Abdeljabbar
NOTE: This section meets only ONLINE using Canvas (wvm.instructure.com). Please contact wael.abdeljabbar@missioncollege.edu for details.

CIT 022 Routing and Switching Essentials (CISCO-2)
(3.0 Lecture/1.0 Lab)
Prerequisite CIT 021 This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. Pass/No Pass Option. Transfer: CSU
7/8 - 8/1

Counseling (COU)

COU 000A Orientation to Mission College
(0.5 Lecture)
This course provides new students with basic information needed to attend college. It includes an orientation to Mission College programs and services, assessment information, registration procedures, an overview of general education requirements, and educational planning. Pass/No Pass Only.
50941 T 5:30PM - 9:45PM Lawhead SEC 305 6/10 - 7/19
50938 W 8:30AM - 12:45PM Lawhead SEC 305 6/10 - 7/19
50579 F 9:00AM - 1:15PM Lawhead SEC 203 6/10 - 7/19
50940 S 9:00AM - 1:15PM Lawhead SEC 305 6/10 - 7/19
50539 S 9:00AM - 1:15PM Lawhead SEC 304 6/28 - 8/15
50939 ONLINE Park
NOTE: This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at gaozong.park@missioncollege.edu.
6/18 - 7/18

COU 005 Strategies For Success
(3.0 Lecture)
This is a comprehensive course that integrates critical and creative thinking proficiency, personal growth and values, and academic study strategies. Emphasis is on the attainment of life-long success in academic, professional and personal development. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50151 ONLINE Park
NOTE: This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at gaozong.park@missioncollege.edu.
7/9 - 7/13
50139 ONLINE Coleman
NOTE: This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at yolanda.coleman@missioncollege.edu.
6/18 - 6/22

COU 012 Careers and Life Styles
(3.0 Lecture)
This course assists the student in examining the components of career choice. Students will explore personal interests, values, abilities and skills. Self assessment instruments will be used to help identify career options. Decision-making strategies, resume writing, interviewing skills and job search techniques will be reviewed. Pass/No Pass Option. Transfer: CSU
6/10 - 7/18
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

Economics (ECN)

ECN 001A Principles of Macroeconomics (3.0 Lecture/1.0 Lab)
Prerequisite: MAT 903. Advisory: MAT 000C. This course is a general study of the U.S. economy, including national output, employment, price level, and fiscal and monetary policy. The course also includes an online lab component. Transfer: CSU/UC
50164 ONLINE Trang
50340 ONLINE Sandhu

ECN 001B Principles of Microeconomics (3.0 Lecture/1.0 Lab)
Advisory: MAT 000C. Prerequisite: MAT 903. This course is a study of decision making by households, firms, and government in a market-oriented economy. This course includes an online lab component. Transfer: CSU/UC
50342 ONLINE Uy-Barreta
50802 ONLINE Alvarez

English (ENG)

ENG 001A English Composition (3.0 Lecture)
Prerequisite: ENG 908 or qualifying score on the English Placement Assessment. (Prior completion of English 108A, an older version of English 908, with a minimum grade of CR may be substituted for this prerequisite course.) Advisory: LIB 010 or LIB 010H. This English Composition course emphasizes the writing of college level essays, research writing, argument, and analytical reading skills. Transfer: CSU/UC
50347 MTR 9:30AM - 12:25PM Cudahy GC 229
50348 MTR 2:00PM - 4:55PM Valter SEC 315
50350 MTR 6:00PM - 8:55PM Petrosyan SEC 305

ECN 145B Beginning Study Skills (1.0 Lecture)
This course is designed to assist students to successfully transition to college by providing basic orientation to college and information about study skills and techniques for college success. Pass/No Pass Option.
50164 TR 9:30AM - 12:30PM Hand SECS 305

NOTE: This class can be taken concurrently with REA 983 and MAT 970 as part of the Summer Bridge Program designed for first-time freshmen, but the class is open to all students. Additional information is available at http://www.missioncollege.edu/depts/counseling/summer-bridge.html.

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On June 10, 2019 registered students may access this course using Canvas, the online learning management system for the College. To add this class on or after the first day of instruction, students must contact the instructor at thuy.trang@missioncollege.edu.

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On June 10, 2019 registered students may access this course using Canvas, the online learning management system for the College. To add this class on or after the first day of instruction, students must contact the instructor at don.uuy-barreta@missioncollege.edu.

NOTE: This is an ONLINE section that meets on campus three times. Please attend the mandatory orientation on Monday, June 10 from 4:00-6:00pm in GC 325. The midterm will be held on Monday, July 1 from 4:00-6:00pm in GC 325. The final exam will be held on Monday, July 15 from 4:00-6:00pm in GC 325.

NOTE: This is an ONLINE section that meets on campus three times. Please attend the mandatory orientation on Monday, June 10 from 4:00-6:00pm in GC 325. The midterm will be held on Monday, July 1 from 6:00-8:00pm in GC 325. The final exam will be held on Monday, July 15 from 6:00-8:00pm in GC 325.

NOTE: This is an ONLINE section that meets on campus three times. Please attend the mandatory orientation on Tuesday, June 11 from 6:00-8:00pm in GC 325. The midterm will be held on Tuesday, July 2 from 6:00-8:00pm in GC 325. The final exam will be held on Tuesday, July 16 from 6:00-8:00pm in GC 325.

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On June 10, 2019 registered students may access this course using Canvas, the online learning management system for the College. To add this class on or after the first day of instruction, students must contact the instructor at deniz.demiray@missioncollege.edu.

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On June 10, 2019 registered students may access this course using Canvas, the online learning management system for the College. To add this class on or after the first day of instruction, students must contact the instructor at deniz.demiray@missioncollege.edu.

NOTE: $26.00 material fee. This section meets ONLINE only.

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On June 10, 2019 registered students may access this course using Canvas, the online learning management system for the College. To add this class on or after the first day of instruction, students must contact the instructor directly at deniz.demiray@missioncollege.edu.

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On June 10, 2019 registered students may access this course using Canvas, the online learning management system for the College. To add this class on or after the first day of instruction, students must contact the instructor at deniz.demiray@missioncollege.edu.

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On June 10, 2019 registered students may access this course using Canvas, the online learning management system for the College. To add this class on or after the first day of instruction, students must contact the instructor at deniz.demiray@missioncollege.edu.

The midterm will be held on Tuesday, July 2 from 4:00-6:00pm in GC 325. The final exam will be held on Tuesday, July 16 from 4:00-6:00pm in GC 325.
At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. Online summer classes are available through Canvas. For more information, visit COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

**ENG 001AX  Intensive English Composition (5.00 Lecture)**
This course introduces the techniques of collegiate English composition with emphasis on clear, effective writing and analytical reading. Students will learn to think critically about their own writing and will receive extensive support throughout the writing process. Eligibility for ENGL 001A and READ 054 Prerequisite ESL 980 or Prerequisite ENGL 905AC or Prerequisite ENG 908 or Prerequisite qualifying placement using the statewide decision rule model or other appropriate, validated assessment instruments. **Transfer: CSU/UC** 6/10 - 8/1

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30AM - 12:30PM</td>
<td>Frankel</td>
<td>SEC 322</td>
</tr>
<tr>
<td>2:00PM - 4:30PM</td>
<td>Stokes Cobb</td>
<td>SEC 240</td>
</tr>
<tr>
<td>6:00PM - 8:30PM</td>
<td>Vo</td>
<td>SEC 240</td>
</tr>
</tbody>
</table>

**ENG 001B  English Composition and Literature (3.0 Lecture)**
Prerequisite: ENG 001A. This course continues emphasis on English composition skills with an introduction to techniques of reading and writing about literature and acquiring skills in analysis and interpretation. **Transfer: CSU/UC** 6/10 - 7/18

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30AM - 12:25PM</td>
<td>Varbel</td>
<td>GC 305</td>
</tr>
<tr>
<td>2:00PM - 4:55PM</td>
<td>Frankel</td>
<td>SEC 203</td>
</tr>
</tbody>
</table>

**ENG 001B  Online**
NOTE: This is an ONLINE section that meets on campus three times. Please attend the mandatory orientation on Tuesday, June 11 from 6:00-8:00pm in GC 329. The midterm will be held on Tuesday, July 2 from 6:00-8:00pm in GC 329. The final exam will be held on Tuesday, July 16 from 6:00-8:00pm in GC 329.

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30AM - 12:25PM</td>
<td>Varbel</td>
<td>GC 305</td>
</tr>
</tbody>
</table>

**ENG 001B  Online**
NOTE: This is an ONLINE section that meets on campus three times. Please attend the mandatory orientation on Monday, June 10 from 6:15-8:15pm in GC 329. The midterm will be held on Monday, July 15 from 6:15-8:15pm in GC 329. The final exam will be held on Monday, July 15 from 6:15-8:15pm in GC 329.

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30AM - 12:25PM</td>
<td>Varbel</td>
<td>GC 305</td>
</tr>
</tbody>
</table>

**ENG 013  Chicana/o-Latina/o Literature (3.0 Lecture)**
This course provides an introduction to authors, topics, and movements in Chicana/o and Latina/o literature from the late 19th century to the present. **Pass/No Pass Option.**

Transfer: CSU/UC 6/10 - 7/18

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30AM - 12:25PM</td>
<td>Gard</td>
<td>GC 103</td>
</tr>
</tbody>
</table>

**ENG 098  Effective Writing (3.0 Lecture)**
Prerequisite: ENG 905 or qualifying score on placement test. Concentration is on the writing process, academic essays, and introduction to research skills. This course prepares and qualifies students for English 001A. **Pass/No Pass Option.** 6/10 - 7/18

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30AM - 12:25PM</td>
<td>Gard</td>
<td>GC 103</td>
</tr>
</tbody>
</table>

**ESL 930EC  ESL for Child Care Part I (ESL)**
Advisory: Qualifying score (at the ESL 930 level) on the ESL placement test. This high-beginning course develops oral and written communication skills in standard English within the context of child care and parenting. Students practice skills useful for communicating with and about children on topics including day-to-day care, health and safety. **Pass/No Pass Option.** 6/18 - 7/25

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30PM - 9:30PM</td>
<td>Broeder</td>
<td>OFF</td>
</tr>
</tbody>
</table>

**ESL 940GW  Low Intermediate Grammar and Writing (3.0 Lecture)**
Advisory: Concurrent enrollment in ESL 940RV is recommended. Prerequisite: A qualifying score on the ESL placement test or ESL 930GW. In this course, students continue the development of basic grammar and writing skills using level appropriate structures of standard written English. **Pass/No Pass Option.** 6/10 - 7/18

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00AM - 12:00PM</td>
<td>Myint</td>
<td>GC 203</td>
</tr>
</tbody>
</table>

**ESL 940RV  Low Intermediate Reading and Vocabulary (3.0 Lecture)**
Advisory: Concurrent enrollment in ESL 940GW is recommended. Prerequisite: A qualifying score on the ESL placement test or ESL 930RV. This course focuses on vocabulary development and comprehension of short readings. **Pass/No Pass Option.** 6/10 - 7/18

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15PM - 6:15PM</td>
<td>Haven</td>
<td>GC 322</td>
</tr>
</tbody>
</table>

**ESL 950LS  Intermediate Listening and Speaking (3.0 Lecture)**
Prerequisite: ESL 940LS or a qualifying score on the ESL placement test. In this intermediate level course, students receive guidance and extensive practice in effective oral communication in a variety of social and/or vocational situations. **Pass/No Pass Option.** 6/10 - 7/18

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00PM - 6:00PM</td>
<td>Costanza</td>
<td>GC 203</td>
</tr>
</tbody>
</table>

**ESL 956GR  Intermediate to Advanced Grammar Review (2.0 Lecture)**
Students review and practice a wide range of grammatical and syntactical structures in meaningful contexts at an intermediate to advanced level. **Pass/No Pass Option.** 6/10 - 7/26

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>Burton</td>
<td></td>
</tr>
</tbody>
</table>

**ESL 970LS  Advanced Listening and Speaking (3.0 Lecture)**
Prerequisite: ESL 960LS or a qualifying score on the ESL placement test. Advanced level ESL students receive guidance and extensive practice in listening and speaking in academic, professional and social settings. **Pass/No Pass Option.** 6/10 - 7/18

<table>
<thead>
<tr>
<th>Time</th>
<th>Instructor</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30PM - 9:30PM</td>
<td>Costanza</td>
<td>GC 203</td>
</tr>
</tbody>
</table>
At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com, available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

**Non Credit English as a Second Language (NCE)**

**NCE 910B Foundations in ESL II (NONCREDIT)**
This course is a continuation of NCE 910A. It builds on the topics learned in NCE 910A, but also introduces more complex structures and provides a deeper understanding of reading, writing, listening, and grammar skills. 6/10 - 7/18

- 50487  MTWR  9:15AM - 12:00PM  Winiecki  GC 325

**NCE 920B Beginning ESL II (NONCREDIT)**
This course is a continuation of NCE 920A. It builds on the topics learned in NCE 920A, but also introduces more complex structures and provides a deeper understanding of reading, writing, listening, and grammar skills. It also provides preparation for placement in Level 930 ESL classes. 6/10 - 7/18

- 50488  MTWR  12:30PM - 3:15PM  Allen  GC 325

**NCE 910L Foundations in ESL Lab (NONCREDIT)**
This lab course is designed for students at the NCE 910 skill level. In the lab, students practice listening, speaking, writing, grammar, reading, and vocabulary skills in order to help them succeed in NCE courses and in the workplace. 6/10 - 7/18

- 50964  ONLINE  Winiecki

**NCE 920L Beginning ESL Lab (NONCREDIT)**
This lab course is designed for students at the NCE 920 skill level. In the lab, students practice listening, speaking, writing, grammar, reading, and vocabulary skills in order to help them succeed in NCE courses and in the workplace. 6/10 - 7/18

- 50965  ONLINE  Allen

**Fire Protection Technology (FPT)**

**FPT 051 Fire Protection Organization (3.0 Lecture)**
Advisory: MAT 903 This course provides an introduction to the history and career opportunities of Fire Protection, the basic chemistry and physics of fire control techniques and firefighting strategy and tactics. Pass/No Pass Option. Transfer: CSU 6/10 -7/2

- 50295  MTWR  1:00PM - 5:00PM  Pavao  GC 118

**FPT 052 Fire Behavior and Combustion (3.0 Lecture)**
This course focuses on the theory and fundamentals of how and why fires start, fire spread and control methods; fire chemistry and physics; fire characteristics of materials; extinguishing agents and fire control techniques. Pass/No Pass Option. Transfer: CSU 7/8 -7/30

- 50913  MTWR  5:30PM - 9:30PM  Pavao  GC 118

**FPT 053 Fire Protection Equipment and Systems (3.0 Lecture)**
Advisory: FPT 052 This course focuses on: utilizing portable fire extinguishing equipment including inspection and maintenance procedures; fundamentals of design and operation of various types of sprinkler systems, special hazard protection systems and associated fire detection and signaling systems; water supply requirements. Pass/No Pass Option. Transfer: CSU 6/10 - 7/2

- 50296  MTWR  5:30PM - 9:30PM  Pavao  GC 118

**Foreign Languages (SPA)**

**SPA 001 First Semester Spanish (Elementary Spanish) (5.0 Lecture)**
Basic skills and structures in a cultural context. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

- 50379  MTWR  8:10AM - 11:35AM  Rivas  GC 320
Note: SPA 001 (50379) has a required co-req Span 1L (50381) online lab. For questions contact monica.rivas@missioncollege.edu.

**SPA 001L Spanish Laboratory (0.5 Lab)**
SPA 001L is a requirement for students enrolled in SPA 001, and is designed to further enhance class material. Pass/No Pass Option. Transfer: CSU 6/10 - 7/18

- 50381  ONLINE  Rivas
Note: SPA 001L is an online lab that requires the purchase of an access code and 27 hours of online activities. It can be taken separately. Register for this section if you registered for Span 1 (50379). For questions contact monica.rivas@missioncollege.edu.

**SPA 002 Second Semester Spanish (Elementary Level) (5.0 Lecture)**
Prerequisite: SPA 001 Corequisite SPA 002L This class is a continuation of SPA 001 with further development of basic skills and structure. Students enrolled in SPA 002 must also enroll in the lab component SPA 002L. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

- 50383  MTWR  8:10AM - 11:35AM  Breidenbach  SEC 231
Note: SPA 002 has a required co-req SPA 002L (50384) online lab. For questions contact carla.breidenbach@missioncollege.edu.

**SPA 002L Second Semester Spanish Laboratory (0.5 Lab)**
SPA 002L is a requirement for students enrolled in SPA 002, and is designed to further enhance class material. Pass/No Pass Option. Transfer: CSU 6/10 - 7/18

- 50384  ONLINE  Breidenbach
Note: SPA 002L is an online lab. For questions contact carla.breidenbach@missioncollege.edu.

Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.
### Graphic Design (GDS)

| **GDS 045**  | **Web Design with HTML and CSS**  
| (2.0 Lecture/1.0 Lab) | 
| This introductory course focuses on the design and technical skills required to create effective web designs using HTML, CSS and a variety of software packages. The basic principles of type, color, and layout are explored, along with necessary basic coding skills. Emphasis is placed on using industry standard workflows and techniques to create compelling designs. Pass/No Pass Option. Transfer: CSU | 6/10 - 7/18 |

**ONLINE** Garrett

**ONLINE** Garrett

**NOTE:** This is meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at gokce.kasikci@missioncollege.edu.

| **GDS 062**  | **Introduction to Adobe Illustrator**  
| (2.0 Lecture/1.0 Lab) | 
| In this course, students use Adobe Illustrator to create vector-based graphics such as technical illustrations, logos, photorealistic images, and other artwork used in print publications and on the web. Techniques used by industry professionals are emphasized. Pass/No Pass Option. Transfer: CSU | 6/10 - 7/18 |

**ONLINE** Rivas

**ONLINE** Rivas

**NOTE:** This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at rick.rivas@missioncollege.edu.

| **GDS 064**  | **Introduction to Adobe Photoshop**  
| (2.0 Lecture/1.0 Lab) | 
| This is a beginning Adobe Photoshop course for graphic designers, artists, and photographers. Students learn how to create original artwork, refine photographs and manipulate digital imagery. Basic design principles are explored. Pass/No Pass Option. Transfer: CSU | 6/10 - 7/18 |

**ONLINE** Rivas

**ONLINE** Rivas

**NOTE:** This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at rick.rivas@missioncollege.edu.

| **GDS 068**  | **Advanced Adobe Photoshop**  
| (2.0 Lecture/1.0 Lab) | 
| Advisory: GDS 064 This is an advanced course in Adobe Photoshop. This course provides instruction on: image manipulation, enhancement, and compositing; advanced special effects; and the creation of original product and fine art illustrations. This course is designed for students who have completed GDES 064 or students who have previous experience using Photoshop. Pass/No Pass Option. Transfer: CSU | 6/10 - 7/18 |

**ONLINE** Kasikci-Ata

**ONLINE** Kasikci-Ata

**NOTE:** This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at gokce.kasikci@missioncollege.edu.

### User Experience, Interface, and Multimedia Design (GDS 070)

| **GDS 070**  | **User Experience, Interface, and Multimedia Design**  
| (2.0 Lecture/1.0 Lab) | 
| In this course students are introduced to the fields of User Experience Design and Interface Design. Key topics covered in this course are interaction design, mobile and desktop interface design, information architecture, user research, as well as UX planning documents such as wireframes and personas. Students learn many of the principles, processes, and techniques used to develop effective user interfaces. Pass/No Pass Option. Transfer: CSU/UC | 6/10 - 7/18 |

**ONLINE** Pembroke

**ONLINE** Pembroke

**NOTE:** This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at curtis.pembrook@missioncollege.edu.

### Digital Photography (GDS 073)

| **GDS 073**  | **Digital Photography**  
| (2.0 Lecture/1.0 Lab) | 
| This introductory course focuses on photography as a creative medium. Emphasis is placed on aesthetics, composition, content and the technical and creative design skills required to create effective digital images using digital cameras and a variety of software packages. Students also critically evaluate photographic images according to the principles of photographic theory. A basic understanding of Adobe Photoshop and computer system operation is required. Students must have access to a digital camera. Pass/No Pass Option. Transfer: CSU/UC | 6/10 - 7/18 |

**ONLINE** Garrett

**ONLINE** Garrett

**NOTE:** This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at mark.garrett@missioncollege.edu.

### Cardiopulmonary Resuscitation (HOC 002)

| **HOC 002**  | **Cardiopulmonary Resuscitation**  
| (0.5 Lecture) | 
| The course is designed to prepare the student to provide mouth-to-mouth rescue breathing and closed chest heart compression (Basic Life Support) to a victim of sudden death. This course is taught according to guidelines of the American Heart Association. AHA CPR/AED course completion cards are issued to students who successfully meet course objectives. The student is required to read the textbook “BLS for Healthcare Providers” prior to attending class. Pass/No Pass Option. Transfer: CSU | 6/10 - 7/18 |

**R** 8:00AM - 4:40PM Schmitz GC 116

**NOTE:** $5.00 material fee. Textbook must be purchased and READ prior to class.

8/1 - 8/10

**F** 8:00AM - 4:40PM Potts GC 116

**NOTE:** $5.00 material fee. Textbook must be purchased and READ prior to class.

7/26 - 7/26

**S** 8:00AM - 4:40PM Schmitz GC 116

**NOTE:** $5.00 material fee. Textbook must be purchased and READ prior to class.

8/10 - 8/10

**S** 8:00AM - 4:40PM Schmitz GC 116

**NOTE:** $5.00 material fee. Textbook must be purchased and READ prior to class.

6/1 - 6/1

**S** 8:00AM - 4:40PM Schmitz GC 116

**NOTE:** $5.00 material fee. Textbook must be purchased and READ prior to class.

7/20 - 7/20
HOC 003 Emergency Disaster Preparedness for Allied Health Professionals (0.5 Lecture)
This course is designed to assist health workers in assessing and developing plans for emergency and disaster situations. Pass/No Pass Option.
7/12 - 7/12
5072 F 8:00AM - 4:40PM Chew GC 223

HOC 019A Nursing Assistant Fundamentals (3.5 Lecture, 0.5 Lab)
This beginning course in nursing fundamentals gives the student a foundation in the basic scientific principles required to provide health care in a skilled nursing facility. Students who successfully complete this course, along with HOC 019B, are eligible to apply for the California Certified Nurse Assistant (CNA) examination. (Advisory: HED-004) Transfer: CSU
50800 MT 8:00AM - 12:20PM Shivers GC 224 6/17 - 7/23
MT 12:50PM - 2:30PM Shivers GC 222 6/17 - 7/23
WRF 8:00AM - 12:20PM Shivers GC 224 6/19 - 6/21
WRF 12:50PM - 2:30PM Shivers GC 222 6/19 - 6/21
T 8:00AM - 10:00AM Brown GC 224 7/23 - 7/23

HOC 019B Nursing Assistant Clinical Experience (2.0 Lab)
This clinical practicum provides the Nurse Assistant student with experience in the application of basic patient care skills in a skilled nursing facility. Students who successfully complete this course, along with HOC 019A, are eligible to apply for the examination National Nurses Aide Assessment Program (NNAAP) examination. Eligibility for ENG 001A and REA 054 Corequisite HOC 019A Students must pass the course with 75% or higher. Pass/No Pass Only. Transfer: CSU 6/26 - 7/26
50397 WRF 6:30AM - 2:45PM Williams 50398 WRF 6:30AM - 2:45PM Flores
50540 WRF 6:30AM - 2:45PM Shivers

HOC 019F Home Health Aide Fundamentals (1.5 Lecture)
This course introduces the Certified Nurse Assistant (CNA) to the basic concepts of home care nursing. Students learn entry-level skills for employment as a home health aide. Successful completion of this course, along with HO 019G, provides eligibility for a California Home Health Aide (HHA) certificate. 6/10 - 6/13
50851 MTWR 8:00AM - 2:30PM Cowels GC 223

HOC 019G Home Health Aide Clinical (0.5 Arranged Lab)
This clinical practicum provides the student with experience in basic nursing skills in a skilled nursing facility/home setting. Students who successfully complete this course along with HO 019F are eligible to apply for the California Home Health Aide Certificate. Pass/No Pass Only.
6/17 - 6/19
50852 MTW 6:30AM - 3:30PM Cowels

HOC 028 Care of the Geriatric Patient (1.0 Lecture)
This course is designed to give the vocational nursing student an introduction to the care of the older adult client in both an institutional and a community setting. This course is a required course that must be completed prior to students beginning the Health Occupations VN career track second semester. Non-Health Occupations students may enroll in this course as well. Grade Only. (CSU) Transfer: CSU 6/11 - 6/27
50727 TWR 10:00AM - 12:10PM Arafilis GC 227

HOC 050 Role Transition LVN to RN (2.0 Lecture)
This course is designed to prepare the licensed vocational nurse for entry into an associate degree nursing (ADN) program. The course content focuses on competencies expected of the graduate ADN (critical thinking skills, review of medical-surgical nursing concepts, role change, research skills, teaching-learning principles, development of the nursing teaching role, pharmacology principles, medication calculation) to prepare the student for success in an ADN program. Transfer: CSU 7/8 - 8/1
50856 MW 8:00AM - 12:15PM Staff GC 225

HOC 050A Role Transition Clinical (1.0 Lab)
This course involves directed clinical experiences in a simulated acute hospital and simulated community healthcare agencies that provide services for perioperative and medical/surgical clients. Through the use of the nursing process, the student provides care, teaching, support and rehabilitation to perioperative and medical/surgical clients. Emphasis is on the role of the registered nurse caring for clients with acute and chronic problems. Pass/No Pass Option. Transfer: CSU 7/9 - 8/1
50859 TR 8:00AM - 2:30PM Wang GC 218
50857 TR 8:00AM - 2:30PM Staff GC 225
50858 TR 8:00AM - 2:30PM Staff GC 220

HIS 004A History of Western Civilization (3.0 Lecture)
Cultural contribution's in western civilization from Mesopotamia & Egypt to European Renaissance. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18
50188 ONLINE Ramsey

HIS 004B History of Western Civilization (3.0 Lecture)
Study of political and cultural contributions in Western Civilization from 1500 to present. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18
50209 ONLINE Ramsey

ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at www.instructure.com. Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.
## Online Summer Classes

At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

### Mission College Summer Session Courses 2019 Schedule of Classes

**Hospitality Management (FDR)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
<th>Transfer:</th>
<th>Dates</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDR 050A</td>
<td>Introduction to the Hospitality Industry (3.0 Lecture)</td>
<td></td>
<td>This course is an overview of the Hospitality and Tourism Industry designed to prepare students for careers in hospitality management. Tours and guest lectures highlight this course. Information about the Hospitality Management Program is explained. Advisory: MAT 900. Transfer: CSU/UC</td>
<td>6/10 -7/18</td>
<td>50959</td>
<td>ONLINE Dennis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDR 058</td>
<td>Food, Beverage and Labor Cost Controls (3.0 Lecture)</td>
<td></td>
<td>Advisory: FDR 051, MAT 900. This course covers the scope of food and beverage control systems used in small and large food and beverage operation. Pre-cost control, inventory systems, cost analysis, food and beverage cost percentages and profit and loss statement are covered. Also included is the cycle of product handling; federal, state and local laws and requirements and licensing as they apply to the Hospitality Industry. Transfer: CSU</td>
<td>6/10 -7/18</td>
<td>50300</td>
<td>TWR 10:00AM - 1:10PM Dennis SEC 311</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDR 059</td>
<td>Hospitality Supervision and Leadership (4.0 Lecture)</td>
<td></td>
<td>Advisory: MAT 900, FDR 050A. This course approaches hospitality supervision from the perspective of general management theory and the operational functions of supervision. Transfer: CSU</td>
<td>6/10 -7/26</td>
<td>50299</td>
<td>ONLINE Dennis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDR 075</td>
<td>Menu Planning (2.0 Lecture)</td>
<td></td>
<td>The core competencies covered in menu planning include: marketing, nutritional needs, menu layout and design, calculating basic pricing methods, and evaluating both a sales performance analysis and a menu sales mix analysis. Transfer: CSU</td>
<td>6/10 -7/18</td>
<td>50670</td>
<td>MTW 4:30PM - 6:35PM Arias HM 121</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INF 050</td>
<td>Sanitation and Safety</td>
<td>2.0</td>
<td>Corequisite: Enrollment in the course or courses (other than INF 947) at Mission College for which tutoring is sought. This 0 unit open entry/open exit course provides learning assistance in the form of tutoring. Students will be assigned to tutoring by an instructor or counselor based on an identified learning need. For more information, contact the Academic Support Center in Room SEC-154. Transfer: CSU/UC</td>
<td>6/10 -7/18</td>
<td>50960</td>
<td>MTW 7:00PM - 9:05PM Arias HM 123</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INS 947</td>
<td>Supervised Tutoring</td>
<td>NONCREDIT</td>
<td>Corequisite: Enrollment in the course or courses (other than INF 947) at Mission College for which tutoring is sought. This 0 unit open entry/open exit course provides learning assistance in the form of tutoring. Students will be assigned to tutoring by an instructor or counselor based on an identified learning need. For more information, contact the Academic Support Center in Room SEC-154. Transfer: CSU/UC</td>
<td>6/10 -7/18</td>
<td>50915</td>
<td>MTWR 9:00AM - 11:05AM Morgan VK 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 017A</td>
<td>History of the United States to 1877 (3.0 Lecture)</td>
<td></td>
<td>This course covers the development of American government and culture from the colonial period through the Civil War and Reconstruction periods. Pass/No Pass Option. Transfer: CSU/UC</td>
<td>6/10 -7/18</td>
<td>50214</td>
<td>MTR 8:00AM - 11:00AM Grzymala GC 306</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 017B</td>
<td>History of the United States Since 1877 (3.0 Lecture)</td>
<td></td>
<td>This course covers the emergence of the United States as a world power in the late 19th and 20th centuries. Pass/No Pass Option. Transfer: CSU/UC</td>
<td>6/10 -7/18</td>
<td>50249</td>
<td>MTR 9:00AM - 12:00PM Holland MT 23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 018</td>
<td>World Policy and Power</td>
<td>3.0</td>
<td>This course explains world power in the late 19th and 20th centuries. Pass/No Pass Option. Transfer: CSU/UC</td>
<td>6/10 -7/18</td>
<td>50248</td>
<td>MTR 11:40AM - 2:40PM Grzymala GC 306</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 019</td>
<td>World History</td>
<td>3.0</td>
<td>This course explains world history from colonial through Civil War and Reconstruction periods. Pass/No Pass Option. Transfer: CSU/UC</td>
<td>6/10 -7/18</td>
<td>50248</td>
<td>MTR 6:35PM - 9:35PM Knittel SEC 205</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Kinesiology (KIN)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
<th>Transfer:</th>
<th>Dates</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 001A</td>
<td>Adapted Weight Training</td>
<td>1.0</td>
<td>This course is designed for students with verifiable disabilities. A personalized exercise plan (PEP) is developed to meet each student’s needs. Focus is on increasing overall muscular strength and endurance based on each individual’s ability. Pass/No Pass Option. Transfer: CSU/UC</td>
<td>6/17 -7/25</td>
<td>50887</td>
<td>MTW 8:00AM - 10:05AM Morgan VK 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 001C</td>
<td>Adapted Aerobics</td>
<td>1.0</td>
<td>This course is designed to introduce skills needed for daily cardiovascular fitness through the use of aerobic activities for students with verifiable disabilities. Pass/No Pass Option. Transfer: CSU/UC</td>
<td>6/17 -7/25</td>
<td>50888</td>
<td>MTW 8:00AM - 10:05AM Morgan VK 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KIN 014A</td>
<td>Volleyball - Introduction</td>
<td>1.0</td>
<td>This course is designed to introduce students to the fundamental skills of volleyball. Players learn to serve, pass, set and employ the basic strategies of the game. Pass/No Pass Option. Transfer: CSU/UC</td>
<td>6/10 -8/8</td>
<td>50868</td>
<td>TWR 5:10PM - 7:15PM Ferguson GYM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**KIN 014B  Volleyball - Beginning  (1.0 Lab)**
Advisory: KIN 014A or demonstrated ability to pass, set and serve. This course is designed to review the fundamental skills of volleyball and add spiking, blocking and the dink to the players’ repertoire. Players work on improving the depth and accuracy of their shots while employing the strategies of the game. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 8/8

50869 TWR 5:10PM - 7:15PM Ferguson  GYM

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volleyball - Beginning</td>
<td>1.0 Lab</td>
<td>5:10PM - 7:15PM</td>
<td>TWR</td>
<td>GYM</td>
<td>Ferguson</td>
</tr>
</tbody>
</table>

**KIN 015A  Basketball - Introduction  (1.0 Lab)**
This course is designed to introduce the student to the basic skills and techniques of basketball. Drills are utilized to increase playing ability while scrimmages are used to develop the concept of team play. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50307 MTWR 3:00PM - 5:05PM Cafferata  GYM

**KIN 015B  Basketball - Beginning  (1.0 Lab)**
Advisory: KIN 015A This course is designed to teach the basic skills and of basketball. Drills are utilized to increase playing ability while scrimmages are used to develop the concept of team play. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50308 MTWR 3:00PM - 5:05PM Cafferata  GYM

**KIN 015C  Basketball: Intermediate  (1.0 Lab)**
Advisory: KIN 015B This course is designed to teach the intermediate skills of basketball. Drills are utilized to increase playing ability while scrimmages are used to develop the concept of team play. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50309 MTWR 3:00PM - 5:05PM Cafferata  GYM

**KIN 015D  Basketball - Advanced  (1.0 Lab)**
Advisory: KIN 015C This course is designed to teach the advanced skills of basketball. Drills are utilized to increase playing ability while scrimmages are used to develop the concept of team play. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50310 MTWR 3:00PM - 5:05PM Cafferata  GYM

**KIN 019A  Soccer - Introduction  (1.0 Lab)**
This course is designed to introduce the basic rules, skills, techniques and history of soccer. Drills are included to introduce the student to shooting, passing, trapping, and dribbling. Scrimmages are utilized to develop team play concepts. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50889 MTWR 10:00AM - 12:05PM Bugg  GYM

**KIN 019B  Soccer - Beginning  (1.0 Lab)**
Advisory: KIN 019A This course is designed to review the basic rules, skills, and techniques of soccer, as well as develop players’ execution of the fundamental strategies of the game. Drills are included to enhance shooting, passing, heading and dribbling. Scrimmages are utilized to develop team play concepts. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50890 MTWR 10:00AM - 12:05PM Bugg  GYM

**KIN 020A  Badminton- Introduction  (1.0 Lab)**
This course introduces the student to the fundamentals, rules, and strategies of the game of badminton. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50319 MTWR 7:30PM - 9:35PM Ng  GYM

**KIN 020B  Badminton: Beginning  (1.0 Lab)**
This course continues the development of the fundamental skills and strategies of the game of badminton. The main emphasis of this course is to refine the technique and improve the proficiency of the basic skills of the game. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50320 MTWR 7:30PM - 9:35PM Ng  GYM

**KIN 020C  Badminton - Intermediate  (1.0 Lab)**
This course introduces the student to the more advanced skills and strategies of the game of badminton. The main emphasis of this course is on drills, finesse shots, shot placement, court position, and singles and doubles strategy. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50321 MTWR 7:30PM - 9:35PM Ng  GYM

**KIN 020D  Badminton - Advanced  (1.0 Lab)**
Advisory: KIN 020C This course introduces the student to the advanced skills and strategies of the game of badminton. The main emphasis of this course is on drills, finesse shots, shot placement, court position, and singles and doubles strategy. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50673 MTWR 7:30PM - 9:35PM Ng  GYM

**KIN 021A  Tennis - Introduction  (1.0 Lab)**
This course is designed to teach the fundamentals of tennis to students. Mastery of these skills enables students to progress to the next level of tennis. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50373 MTWR 9:40AM - 11:45AM Buss  CRTS

**KIN 021A  Tennis - Introduction  (1.0 Lab)**
This course is designed to teach the fundamentals of tennis to students. Mastery of these skills enables students to progress to the next level of tennis. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50513 TWR 7:00PM - 9:50PM Gonzales  CRTS

**KIN 021B  Tennis - Beginning  (1.0 Lab)**
This course is designed to teach the basic fundamentals of tennis. Mastery of these skills enables the student to progress to the next level of tennis. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50972 MTWR 9:40AM - 11:45AM Buss  CRTS

**KIN 021B  Tennis - Beginning  (1.0 Lab)**
This course is designed to teach the basic fundamentals of tennis. Mastery of these skills enables the student to progress to the next level of tennis. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50514 TWR 7:00PM - 9:50PM Gonzales  CRTS
At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

KIN 021C Tennis - Intermediate (1.0 Lab)
This course is designed to develop skill and knowledge of the game of tennis at an intermediate level. Pass/No Pass Option.
Transfer: CSU/UC
6/10 - 7/18
50374 MTWR 9:40AM - 11:45AM Buss CRTS

KIN 021C Tennis - Intermediate (1.0 Lab)
This course is designed to develop skill and knowledge of the game of tennis at an intermediate level. Pass/No Pass Option.
Transfer: CSU/UC
6/10 - 7/18
50595 TWR 7:00PM - 9:50PM Gonzales CRTS

KIN 021D Tennis - Advanced (1.0 Lab)
This course is designed to develop skill and knowledge of the game of tennis at an advanced level. Pass/No Pass Option.
Transfer: CSU/UC
6/10 - 7/18
50375 MTWR 9:40AM - 11:45AM Buss CRTS
50596 TWR 7:00PM - 9:50PM Gonzales CRTS

KIN 030A Pilates Matwork - Introduction (1.0 Lab)
This course is an introduction to Joseph Pilates' Physicalmind Conditioning Method. The matwork provides the ideal physical fitness for the attainment and maintenance of a uniformly developed body and sound mind. The study of Pilates improves flexibility, strength and breathing techniques. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50883 MTWR 12:40PM - 2:45PM Ferguson VK 8

KIN 030B Pilates Matwork - Beginning (1.0 Lab)
This course is the study and practice of Joseph Pilates' Physicalmind Conditioning Method at an introductory level. Topics include advance training techniques such as pyramids and super sets. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50884 MTWR 12:40PM - 2:45PM Ferguson VK 2

KIN 030C Pilates Matwork - Intermediate (1.0 Lab)
This course is the study and practice of Joseph Pilates' Physicalmind Conditioning Method at an intermediate level. Through the study of matwork, the student improves physical well-being including flexibility, strength and breathing techniques. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50885 MTWR 12:40PM - 2:45PM Ferguson VK 2

KIN 030D Pilates Matwork - Advanced (1.0 Lab)
This course is the study and practice of Joseph Pilates' Physicalmind Conditioning Method at an advanced level. Prior Pilates practice is strongly recommended. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50886 MTWR 12:40PM - 2:45PM Ferguson VK 2

KIN 031A Step Aerobics - Introduction (1.0 Lab)
This course is designed to utilize the step as a means for improving cardiovascular fitness. A thorough warm-up and cool-down is included in each class. Knowledge of proper step technique as well as an understanding of ways to improve all aspects of fitness is also covered in this course. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50322 MTWR 12:40PM - 2:45PM Cafferata VK 2

KIN 031B Step Aerobics - Beginning (1.0 Lab)
This course is designed to build upon the skills learned in KIN 031A. Proper step technique, body alignment and basic choreography are taught. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50323 MTWR 12:40PM - 2:45PM Cafferata VK 2

KIN 035A Weight Training - Introduction (1.0 Lab)
This course is designed to enhance the development of muscular fitness and overall body tone. Information is presented to increase student understanding of various aspects of weight training from safety through proper lifting techniques. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50376 MTWR 10:15AM - 12:20PM Ferguson VK 1
50326 MTWR 12:20PM - 2:25PM Buss VK 1
50343 MTWR 4:10PM - 6:15PM Hsu VK 1

KIN 035B Weight Training - Beginning (1.0 Lab)
This course is designed to enhance the development of muscular fitness. Information is presented to increase the student’s understanding of various aspects of weight training from safety through proper lifting techniques. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50377 MTWR 10:15AM - 12:20PM Ferguson VK 1
50971 MTWR 12:20PM - 2:25PM Buss VK 1
50344 MTWR 4:10PM - 6:15PM Hsu VK 1

KIN 035C Weight Training - Intermediate (1.0 Lab)
This course is designed for students at the intermediate level. Topics include advance training techniques such as pyramids and super sets. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50862 MTWR 10:15AM - 12:20PM Ferguson VK 1
50327 MTWR 12:20PM - 2:25PM Buss VK 1
50871 MTWR 4:10PM - 6:15PM Hsu VK 1

KIN 037A Cardio-Cross Training - Introduction (1.0 Lab)
This course is designed to enhance the student’s cardiovascular condition by providing a variety of methods of training at an introductory level. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50378 MTWR 10:15AM - 12:20PM Ferguson VK 1
50328 MTWR 12:20PM - 2:25PM Buss VK 1
50345 MTWR 4:10PM - 6:15PM Hsu VK 1

KIN 037B Cardio-Cross Training - Beginning (1.0 Lab)
This course is designed to enhance the student’s cardiovascular condition by providing a variety of methods of training at the beginning level. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50863 MTWR 10:15AM - 12:20PM Ferguson VK 1
50329 MTWR 12:20PM - 2:25PM Buss VK 1
50311 MTWR 3:00PM - 5:05PM Cafferata GYM
50872 MTWR 4:10PM - 6:15PM Hsu VK 1
KIN 038G Lower Body Conditioning - Agility Training
(1.0 Lab)
Advisory: KIN 038F This course is designed to improve core strength and lower extremity agility for lower body conditioning at the intermediate collegiate level. Pass/No Pass Option. Transfer: CSU/UC
50866 MTWR 12:30PM - 2:35PM Rodgers FLD

KIN 038J Lower Body Conditioning - Plyometric Training
(1.0 Lab)
Advisory: KIN 038G This course is designed to improve core and lower extremity strength through plyometric training and conditioning for the advanced intercollegiate level. Pass/No Pass Option. Transfer: CSU/UC
50864 MTWR 12:30PM - 2:35PM Hill FLD

KIN 047A Hip Hop - Introduction
(1.0 Lab)
This course introduces students to the fundamentals of hip hop. Students will learn general patterns as well as the basics of creating their own style and routines. Information is presented describing the history and cultural development of hip hop as a dance form. Pass/No Pass Option. Transfer: CSU/UC
50353 MW 6:20PM - 9:50PM Hsu VK 8

KIN 047B Hip Hop - Beginning
(1.0 Lab)
This course is the study and practice of hip hop at a beginning level. Students learn general patterns as well as the basics of creating their own style and routines. Information is presented describing the history and cultural development of hip hop as a dance form. Pass/No Pass Option. Transfer: CSU/UC
50355 MW 6:20PM - 9:50PM Hsu VK 8

KIN 047C Hip Hop - Intermediate
(1.0 Lab)
This course is the study and practice of hip hop at an intermediate level. Students learn choreography as well as create their own style and routines. Pass/No Pass Option. Transfer: CSU/UC
50357 TR 6:20PM - 9:50PM Hsu VK 8

KIN 047D Hip Hop - Advanced
(1.0 Lab)
This course is the study and practice of hip hop at an advanced level. Students learn choreography as well as create their own style and routines. Pass/No Pass Option. Transfer: CSU/UC
50359 TR 6:20PM - 9:50PM Hsu VK 8

KIN 050A Tai Chi - Introduction
(1.0 Lab)
This course introduces the student to the fundamentals and health enhancing aspects of Tai Chi. Instruction covers the history and philosophy and emphasizes Tai Chi body movements and forms utilizing energy flow and stress reducing elements that are generated in the process. Pass/No Pass Option. Transfer: CSU/UC
50510 MTWR 10:25AM - 12:30PM Santos VK 8

KIN 050B Tai Chi - Beginning
(1.0 Lab)
This course reviews the fundamentals and health enhancing aspects of Tai Chi. There is an introduction to Pushing Hands exercises and various Qi Gong exercises are included. Pass/No Pass Option. Transfer: CSU/UC
50511 MTWR 10:25AM - 12:30PM Santos VK 8

KIN 051A Aikido - Introduction
(1.0 Lab)
This course introduces the student to the philosophy, principles and physical techniques of Aikido. Aikido is a non-violent martial art that emphasizes harmony and natural movements to resolve conflicts. Pass/No Pass Option. Transfer: CSU/UC
50360 MW 6:30PM - 9:50PM Santos VK 2

KIN 051B Aikido - Beginning
(1.0 Lab)
This course reviews the philosophy, principles, and physical techniques of Aikido. The course emphasizes harmony and natural movements to resolve conflicts and integrate mind-body awareness. The principles of contraction and expansion and circular movement are explored in more detail. Pass/No Pass Option. Transfer: CSU/UC
50361 MW 6:30PM - 9:50PM Santos VK 2

KIN 051C Aikido - Intermediate
(1.0 Lab)
This course reviews the philosophy, principles and physical techniques of Aikido. Pass/No Pass Option. Transfer: CSU/UC
50362 MW 6:30PM - 9:50PM Santos VK 2

KIN 055A Self-Defense - Introduction
(1.0 Lab)
This course is designed to introduce the student to the fundamental skills, strategy, and tactics of self-defense which may help the individual to recognize, avoid, and respond to dangerous situations. Pass/No Pass Option. Transfer: CSU/UC
50367 TR 6:30PM - 9:50PM Santos VK 2

KIN 055B Self Defense - Beginning
(1.0 Lab)
This course reviews the fundamental skills, strategy, and tactics of self-defense. Emphasis is on refinement of skills and incorporates additional take downs and ground fighting tactics. Pass/No Pass Option. Transfer: CSU/UC
50368 TR 6:30PM - 9:50PM Santos VK 2

KIN 061A Hatha Yoga - Introduction
(1.0 Lab)
This class provided the student with an introduction to basic Hatha yoga poses with an emphasis on form and body alignment. Strength, flexibility and balance is improved through the practice of the yoga poses. Relaxation and meditation techniques are also introduced. Pass/No Pass Option. Transfer: CSU/UC
50879 MTWR 8:00AM - 10:05AM Ferguson VK 8
50369 MTWR 2:30PM - 4:40PM Buss VK 8

KIN 061B Hatha Yoga - Beginning
(1.0 Lab)
This class provides instruction and practice of yoga poses with an emphasis on form and body alignment. Strength, flexibility and balance are emphasized. Relaxation and meditation techniques are also incorporated into the practice of poses. Pass/No Pass Option. Transfer: CSU/UC
50880 MTWR 8:00AM - 10:05AM Ferguson VK 8
50370 MTWR 2:30PM - 4:40PM Buss VK 8
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at www.instructure.com. To add this class on or after the first day of instruction, students must contact the instructor directly at aloha.sargent@missioncollege.edu. For information about the course, go to http://www.missioncollege.edu/lib/librarycourses.html. For the corresponding Honors class see LIB 010H, CRN 50366.

SECTION #50365 BEGINS 06/10/19 CLASS ENDS 08/01/19.

SECTION #50363 BEGINS 06/10/19 CLASS ENDS 08/01/19.

LIB 010H Information Competency - Honors (1.0 Lecture)
Advisories: CAP 070, Eligibility for ENG 001A and REA 054. This course introduces students to the nature of research and the role of the library in research, including finding, analyzing, organizing, and presenting information and the legal and ethical aspects of research. Students cannot get credit for both LIB 010 and LIB 010H. This section requires enrollment in the Honors Transfer Project. More information and the online application can be found at http://honors.missioncollege.edu. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 8/1

50366 ONLINE Sargent
NOTE: This section meets only ONLINE using Canvas (www.instructure.com). To add this class on or after the first day of instruction, students must contact the instructor directly at aloha.sargent@missioncollege.edu. For information about the course, go to http://www.missioncollege.edu/lib/librarycourses.html. SECTION #50366 BEGINS 06/10/19 CLASS ENDS 08/01/19.

Math (MAT)
MAT 000C Intermediate Algebra (5.0 Lecture)
Prerequisite MAT 903 or placement into the course by the Mission College Mathematics Placement Exam; or Prerequisite MAT 903M or placement into the course by the Mission College Mathematics Placement Exam. and Prerequisite MAT 903MX or placement into the course by the Mission College Mathematics Placement Exam. The student will study fundamental laws of exponents and radicals, quadratic equations, graphical representations, complex numbers, functions and inverses, logarithmic and exponential functions, conic sections, sequences and series, linear systems and inequalities, and applied problems. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50210 MTWR 10:55AM - 2:30PM Davis SEC 205
NOTE: This section requires use of MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.

50666 ONLINE Lovern
NOTE: This section uses the online platform MyMathLab (requires purchase). Students are required to attend 2 on-campus sessions: Midterm is on 6/27 from 7-9pm, and the Final exam is on 7/18 from 7-9pm. All on campus meetings will meet in GC 326. Orientation will be held online via ConferZoom on 6/10 from 7-8pm. Questions about this course can be directed to the instructor at letisha.lovern@missioncollege.edu. Waitlist should contact the instructor directly.

50212 ONLINE Carr
NOTE: This section is conducted completely online via Canvas. There are no campus meetings. Students are required to purchase MyLab Math access. No physical textbook is required. Please view the orientation video in Canvas (https://web.wvm.edu/#/canvas) by the first class meeting. Waitlist students enrolled should contact the instructor directly.

KIN 061D Hatha Yoga - Advanced (1.0 Lab)
This class emphasizes the physical practice of yoga at an advanced level. A prior yoga practice is strongly encouraged. Relaxation and meditation techniques are also incorporated. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50365 ONLINE Sargent
NOTE: This section meets only ONLINE using Canvas (www.instructure.com). To add this class on or after the first day of instruction, students must contact the instructor directly at aloha.sargent@missioncollege.edu. For information about the course, go to http://www.missioncollege.edu/lib/librarycourses.html. For the corresponding Honors class see LIB 010H, CRN 50366.

SECTION #50365 BEGINS 06/10/19 CLASS ENDS 08/01/19.

LIB 010H Information Competency - Honors (1.0 Lecture)
Advisories: CAP 070, Eligibility for ENG 001A and REA 054. This course introduces students to the nature of research and the role of the library in research, including finding, analyzing, organizing, and presenting information and the legal and ethical aspects of research. Students cannot get credit for both LIB 010 and LIB 010H. This section requires enrollment in the Honors Transfer Project. More information and the online application can be found at http://honors.missioncollege.edu. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 8/1

50366 ONLINE Sargent
NOTE: This section meets only ONLINE using Canvas (www.instructure.com). To add this class on or after the first day of instruction, students must contact the instructor directly at aloha.sargent@missioncollege.edu. For information about the course, go to http://www.missioncollege.edu/lib/librarycourses.html. SECTION #50366 BEGINS 06/10/19 CLASS ENDS 08/01/19.

LIB 010H Information Competency - Honors (1.0 Lecture)
Advisories: CAP 070, Eligibility for ENG 001A and REA 054. This course introduces students to the nature of research and the role of the library in research, including finding, analyzing, organizing, and presenting information and the legal and ethical aspects of research. Students cannot get credit for both LIB 010 and LIB 010H. This section requires enrollment in the Honors Transfer Project. More information and the online application can be found at http://honors.missioncollege.edu. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 8/1

50366 ONLINE Sargent
NOTE: This section meets only ONLINE using Canvas (www.instructure.com). To add this class on or after the first day of instruction, students must contact the instructor directly at aloha.sargent@missioncollege.edu. For information about the course, go to http://www.missioncollege.edu/lib/librarycourses.html. SECTION #50366 BEGINS 06/10/19 CLASS ENDS 08/01/19.

LIB 010H Information Competency - Honors (1.0 Lecture)
Advisories: CAP 070, Eligibility for ENG 001A and REA 054. This course introduces students to the nature of research and the role of the library in research, including finding, analyzing, organizing, and presenting information and the legal and ethical aspects of research. Students cannot get credit for both LIB 010 and LIB 010H. This section requires enrollment in the Honors Transfer Project. More information and the online application can be found at http://honors.missioncollege.edu. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 8/1

50366 ONLINE Sargent
NOTE: This section meets only ONLINE using Canvas (www.instructure.com). To add this class on or after the first day of instruction, students must contact the instructor directly at aloha.sargent@missioncollege.edu. For information about the course, go to http://www.missioncollege.edu/lib/librarycourses.html. SECTION #50366 BEGINS 06/10/19 CLASS ENDS 08/01/19.
MAT 000D  Trigonometry  (3.0 Lecture)
Prerequisite Placement into Math D or higher by the Mission College Mathematics Placement Exam, or Prerequisite MAT 000C; or Prerequisite MAT 000CM and Prerequisite MAT 000CMX Students study trigonometric functions including applications to triangles, circular functions, radian measure, graphs and polar coordinates, trigonometric identities, inverse trigonometric functions, vectors, and complex numbers. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50213  MTWR  8:05AM - 10:10AM  Cao  MT 21

MAT 001  College Algebra  (4.0 Lecture)
Prerequisite MAT 000C or satisfactory score on an appropriate Mathematics Placement Exam or Prerequisite MAT 000CM This college-level course in algebra covers the following topics: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50215  MTWR  11:05AM - 1:45PM  Gee  GC 331
NOTE: This section requires use of MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.

MAT 002  Precalculus and Trigonometry  (6.0 Lecture)
Prerequisite MAT 000C or Prerequisite MAT 000CM or Prerequisite Satisfactory score on an appropriate Mathematics Placement Exam. This course incorporates all topics found in pre-calculus algebra (MAT 001) and trigonometry (MAT 000D). This is an intensive course for the highly motivated and very well-prepared student. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50218  MTWR  7:20AM - 11:45AM  Sundaresan  GC 308
NOTE: This section requires use of MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.
50216  MTWR  11:05AM - 3:30PM  Staff  GC 304
NOTE: This section requires use of MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.
50217  MTWR  5:00PM - 9:25PM  Dinh  GC 306
NOTE: This section requires use of MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.

MAT 003A  Analytic Geometry and Calculus I  (5.0 Lecture)
Prerequisite MAT 002 or placement into the course by the Mission College Mathematics Placement Exam.; or Prerequisite MAT 000D or higher or satisfactory score on an appropriate Mathematics Placement Exam. and Prerequisite MAT 001 or placement into the course by the Mission College Mathematics Placement Exam. This is the first part of the three-semester calculus sequence. Topics include functions, limits, continuity, differentiation and integration, and applications for polynomial and transcendental functions. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50220  MTWR  10:55AM - 2:30PM  Cao  GC 302
50219  MTWR  5:30PM - 9:05PM  Lavallo  GC 324
NOTE: This course requires regular internet access and the purchase of a WebAssign access code. WebAssign includes access to an online version of the textbook.

MAT 003B  Analytic Geometry and Calculus II  (5.0 Lecture)
Prerequisite MAT 003A or Prerequisite MAT 003AH This is the second part of the three-semester calculus sequence. Topics include infinite series, vectors in the plane, parametric equations, conic sections, polar coordinates and integration techniques with applications. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50221  MTWR  10:55AM - 2:30PM  Lavallo  MT 21
NOTE: This course requires regular internet access and the purchase of a WebAssign access code. WebAssign includes access to an online version of the textbook.
50222  MTWR  5:30PM - 9:05PM  Low  SEC 207

MAT 004A  Multivariable Calculus  (4.0 Lecture)
This course covers vector-valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green’s Theorem, Stokes’ Theorem, and the divergence theorem. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50223  MTWR  11:05AM - 1:45PM  Porrat Vallesco  GC 107
NOTE: This course requires regular internet access and the purchase of a WebAssign access code. WebAssign includes access to an online version of the textbook.

MAT 004B  Differential Equations  (4.0 Lecture)
Topics include ordinary differential equations, with emphasis on linear equations, and partial differential equations. Methods include Laplace Transforms, power series, Fourier series, numerical solutions and applications. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50224  MTWR  7:55AM - 10:35AM  Fineman  GC 304

MAT 004C  Linear Algebra  (4.0 Lecture)
This course covers basic linear algebra including systems of linear equations, Gaussian elimination, determinants, matrices, vector spaces, transformations, eigenvalues, and eigenvectors. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50225  MTWR  6:00PM - 8:40PM  Ting  MT 21

MAT 010  Elementary Statistics  (4.0 Lecture)
Prerequisite MAT 000C or Prerequisite MAT 000CM or successful placement into the course based on the Mission College Mathematics Placement Exam, or Prerequisite Completion of, or placement into, any higher-level math. Students study probability, descriptive and inferential statistics including probability distribution, hypothesis testing, linear regression and applications. Current statistical computer packages are used. Pass/No Pass Option. Transfer: CSU/UC  6/10-7/18
50931  MTWR  7:55AM - 10:35AM  Hwang  GC 331
50929  MTWR  11:05AM - 1:45PM  Sofia  SEC 203
50932  MTWR  5:00PM - 7:40PM  Chang  GC 303
50930  MTWR  6:00PM - 8:40PM  Evans  GC 221
50490  ONLINE  Musat
NOTE: This section meets ONLINE using Canvas (wvm.instructure.com) and requires a mandatory ON-CAMPUS meetings on: 6/10 from 5-7pm in GC 332, 7/11 from 5-7pm in GC 326, 7/18 from 5-7pm in room GC 326. Class materials needed Introductory Statistics: Exploring the World Through Data, 2nd edition by R. Gould & C. Ryan, Pearson, 2015 ISBN-13:9780321979271. Students are required to purchase MyMathLab. Please contact the instructor at catherine.musat@missioncollege.edu for additional information. Waitlist student should contact the instructor.
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. Note: This section is conducted online via Canvas. There are two required campus meetings: midterm exam and the final exam. Midterm is on 6/27 from 12-2pm in GC 308. The final exam is on 7/18 from 12-2pm in GC 308. Students taking this section must obtain a MyMathLab access code. Please visit Canvas for more information and to view the orientation video by the first class meeting. Waitlist students should contact the instructor directly.

50538 ONLINE Lovern
NOTE: This section uses the online platform MyStatLab (requires purchase). Students are required to attend 2 on-campus sessions: Midterm is on 6/27 from 5-7pm, and the Final exam is on 7/18 from 5-7pm. All on campus meetings will meet in GC 110. Orientation will be held online via ConferZoom on Monday, June 10 from 5-6pm. Questions about this course can be directed to the instructor at letisha.lovern@missioncollege.edu. Waitlist students should contact the instructor directly.

MAT 012 Calculus for Business (4.0 Lecture)
Prerequisite MAT 000C or placement into MAT 12 or higher by the Mission College Mathematics Placement Exam; or Prerequisite or placement into MAT 12 or higher by the Mission College Mathematics Placement Exam. Course topics include the intuitive concept of a limit, and simple techniques of differential and integral calculus and their most common applications in business. This course is not equivalent to MAT 003A. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18

50226 MTWR 6:00PM - 8:40PM Vu GC 331
NOTE: This section requires use of MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.

MAT 019 Discrete Mathematics (4.0 Lecture)
Prerequisite MAT 001 or successful placement into the course based on the Mission College Mathematics Placement Exam, or Prerequisite MAT 002 This course covers discrete mathematics appropriate for computer applications. Topics may include graphs, sets, logic, mathematical induction, functions and relations, sequences and series, matrices, combinatorics, Boolean algebra, algebraic structures, and computer implementation. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18

50667 MTWR 11:05AM - 1:45PM Fineman MT 19

MAT 093 Elementary Algebra (5.0 Lecture)
Prerequisite MAT 002 or placement into the course by the Mission College Mathematics Placement Exam. Course topics include operations with real numbers; properties of real numbers and signed exponents; solving and graphing linear equations; solving linear inequalities; functions; factoring polynomials; solving quadratic equations by factoring; simplifying rational expressions; solving rational equations; applications of linear, quadratic, and rational equations; and working with scientific notation. Pass/No Pass Option. 6/10 -7/18

50229 MTWR 7:20AM - 10:55AM McBreen GC 303
NOTE: This section requires use of MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.

50228 ONLINE Carr
NOTE: This section is conducted completely online via Canvas. There are no campus meetings. Students are required to purchase MyLab Math access. No physical textbook is required. Please view the orientation video in Canvas (https://web.wvm.edu/#/canvas) by the first class meeting. Waitlist students enrolled should contact the instructor directly.

Mission (MUS)

MUS 005 Fundamentals of Music Theory (3.0 Lecture)
Advisor/Eligibility for ENG 001A and REA 054. Advisory: MUS 090. This course is for students interested in learning music fundamentals as related to music reading, writing, listening, and performing. The study of music notation, rhythm and meter, tonality, scales, and basic harmony is included, as well as practice in rhythm performance, sight singing, and techniques of listening to music. Pass/No Pass Option. Transfer: CSU/UC 6/11 -7/18

50933 MTWR 10:45AM - 12:00PM Hwang GC 331
50934 MTWR 7:50PM - 9:05PM Chang GC 303

MUS 010 Music Appreciation (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 054. This is a basic introductory course for the student without previous training in music. Students develop an appreciation and enjoyment of music through active listening and guided discussion. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18

50330 ONLINE Ordaz
NOTE: Students taking this section must have access to the internet. Student must attend on-campus class sessions on Tuesday, June 11 from 5:30 - 6:30PM and Thursday, July 18 from 5:30 - 6:30PM in room GC 320. If you are trying to add this section on or after the class starts you must attend the orientation or contact the instructor directly at joseph.ordaz@missioncollege.edu.

MUS 016 Survey of Rock and Popular Music (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 054. The course examines the History of Rock and Roll music, from its roots in Africa and 1950’s America through the current music scene. Principal study is of the music, its styles and performance practices, its musician-composers, and the important social and musical forces influencing the development of Rock. Pass/No Pass Option. Transfer: CSU/UC 6/10 -7/18

50331 ONLINE Johnson
NOTE: 9.0 online wky hrs. This is an online course. Students taking this section must have access to the internet. There is an online orientation on Monday, June 10, from 9:00-10:00PM. If you are trying to add this section on or after the class starts you must contact the instructor directly at keith.johnson@missioncollege.edu.
MUS 017 Music of the World (3.0 Lecture)
This course is a multimedia, multicultural humanities course which introduces students to music from a world music perspective. Course content is centered on videos, a supplemental textbook, and an extensive collection of recorded examples. Topics include the transformative power of music, music and memory, musical style, musical performance and improvisation, music as ritual and music technology. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/18
50332 ONLINE Hawkins
NOTE: 9.0 Online wky hrs. This is an online course. Students taking this section must complete all work on their own. There is an online orientation on Monday, June 10, from 9:00-10:00PM. If you are trying to add this section on or after the class starts you must attend the orientation or contact the instructor directly at phillip.hawkins@missioncollege.edu.

MUS 030A Beginning Piano I (0.5 Lecture/0.5 Lab)
Corequisite: concurrent enrollment in MUSIC 090. For students with no previous training in piano, the course includes studies in note reading, clefs, simple pieces & exercises. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/31
50333 MW 6:30PM - 7:15PM Drion GC 125
MW 7:15PM - 9:30PM Drion GC 125

MUS 030B Beginning Piano II (0.5 Lecture/0.5 Lab)
Prerequisite: MUS 030A, and Corequisite MUS 090 This course is for students with some previous training in piano. Topics include note reading, rhythmic notation, interpretive symbols, proper posture, hand position and fingering. Students learn to perform simple piano pieces. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/31
50334 MW 6:30PM - 7:15PM Drion GC 125
MW 7:15PM - 9:30PM Drion GC 125

MUS 031A Intermediate Piano I (0.5 Lecture/0.5 Lab)
Advisory: MUS 030B. Corequisite: MUS 090. Continuation of MUS 030A & 030B, in which students continue the development of keyboarding skills. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/31
50335 MW 6:30PM - 7:15PM Drion GC 125
MW 7:15PM - 9:30PM Drion GC 125

MUS 032A Beginning Voice I (0.5 Lecture/0.5 Lab)
Corequisite: MUS 090. This course covers the elements of vocal production, including breathing, correct diction, tone production, vocal support and confidence building, for the Beginning I level singer. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/31
50336 MW 6:30PM - 7:15PM Ector GC 103
MW 7:15PM - 9:30PM Ector GC 103

MUS 032B Beginning Voice II (0.5 Lecture/0.5 Lab)
Corequisite: MUS 090. This course covers the elements of vocal production—breathing, correct diction, tone production, vocal support and confidence building—for the Beginning II level singer. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/31
50337 MW 6:30PM - 7:15PM Ector GC 103
MW 7:15PM - 9:30PM Ector GC 103

MUS 090 Music Laboratory (0.5 Lab)
Advisory: Eligibility for ENG 001A and REA 054. Corequisite Concurrent enrollment in any other music course. Music lab provides music students with supplementary learning activities related to Music Theory, Music Appreciation, Beginning Guitar, Voice and Music History courses. Pass/No Pass Option. Transfer: CSU/UC
6/10 - 7/31
50338 MW 4:05PM - 6:20PM Drion GC 125

NonCredit Older Adult (NCO)

NCO 1611 Older Adult Art (NONCREDIT)
This non-credit course explores art, crafts and creative artistic expression. Practical skills using a variety of artistic techniques are highlighted. Cultural, seasonal and holiday themes are emphasized in the production of arts and crafts items for personal use, sale or gifts.

50648 M 1:00PM - 3:00PM Ramirez SOM ACTIVITY
F 9:00AM - 11:00AM Ramirez SOM ACTIVITY
50982 MW 9:30AM - 11:30AM Dasalla EMPR ACTIVITY
50631 MW 9:30AM - 11:30AM Heart OAK ACTIVITY
50649 MW 9:30AM - 11:30AM Ramirez OAK ACTIVITY
50756 T 10:00AM - 12:00PM Canote STO1 ACTIVITY
50612 T 10:00AM - 12:00PM Canote STO1 ACTIVITY
50986 MW 1:00PM - 3:00PM Dasalla COUR ACTIVITY
50608 M 3:30PM - 5:30PM Pace-Byram COUR ACTIVITY
T 10:00AM - 12:00PM Pace-Byram COUR ACTIVITY
50983 MT 3:30PM - 5:30PM Dasalla EMPR ACTIVITY
50984 TR 9:30AM - 11:30AM Dasalla HEAL ACTIVITY
50650 T 9:30AM - 11:30AM Ramirez OAK ACTIVITY
R 2:00PM - 4:00PM Ramirez OAK ACTIVITY
50603 T 12:30PM - 2:30PM Brackenbury SAR1 ACTIVITY
W 9:30AM - 11:30AM Brackenbury SAR1 ACTIVITY
50601 TR 10:00AM - 12:00PM Brackenbury TER4 ACTIVITY
50604 T 3:00PM - 5:00PM Brackenbury TER2 ACTIVITY
W 12:30PM - 2:30PM Brackenbury TER2 ACTIVITY
50985 TR 1:00PM - 3:00PM Dasalla PRIN ACTIVITY
50757 W 3:30PM - 5:30PM Canote MER1 ACTIVITY
50613 W 3:30PM - 5:30PM Canote MER1 ACTIVITY
50607 W 2:00PM - 4:00PM Pace-Byram GSAC ACTIVITY
R 9:00AM - 11:00AM Pace-Byram GSAC ACTIVITY
50611 W 10:00AM - 12:00PM Canote COUR ACTIVITY
50755 W 10:00AM - 12:00PM Canote SAR1 ACTIVITY
50602 W 3:00PM - 5:00PM Brackenbury TER1 ACTIVITY
R 1:00PM - 3:00PM Brackenbury TER1 ACTIVITY
50645 RS 3:30PM - 5:30PM Lett EMPR ACTIVITY
50651 F 1:00PM - 3:00PM Ramirez OAK ACTIVITY
S 9:30AM - 11:30AM Ramirez OAK ACTIVITY
50605 F 9:30AM - 11:30AM Pace-Byram SAR6 ACTIVITY
F 1:00PM - 3:00PM Pace-Byram SAR6 ACTIVITY

ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com.
Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com or after the first day of instruction, students must contact the instructor directly at mary.vonploennies@missioncollege.edu.

SUMMER SESSION COURSES

NCO 3900  Senior Preparedness  (NONCREDIT)
This non-credit course expands the student’s knowledge of economic, social, governmental, historic, geographic, and cultural issues. Students also expand communication skills as they expand knowledge of world, national and local issues and become better informed community members.

50630 M  9:00AM - 11:00AM  Hardcastle  GSAC ACTIVITY
50774 M  9:00AM - 11:00AM  Hardcastle  GSAC ACTIVITY
50635 M  9:30AM - 11:30AM  Watson  GREE ACTIVITY
50653 M  9:30AM - 11:30AM  Watson  GREE ACTIVITY
W  3:30PM - 5:30PM  Watson  GREE ACTIVITY
50989 M  12:45PM - 2:45PM  Watson  COUR ACTIVITY
R  10:00AM - 12:00PM  Watson  COUR ACTIVITY
50610 R  10:00AM - 12:00PM  Canote  COUR ACTIVITY
50754 R  10:00AM - 12:00PM  Canote  COUR ACTIVITY
S  10:30AM - 12:30PM  Cymanski  WHI1 ACTIVITY
50624 M  1:00PM - 3:00PM  Cymanski  MIS1 ACTIVITY
F  3:00PM - 5:00PM  Cymanski  MIS1 ACTIVITY
50641 MF  1:00PM - 3:00PM  Lee  SUN ACTIVITY
50647 MR  2:00PM - 4:00PM  Perelman  HEAL ACTIVITY
50629 MT  3:15PM - 5:15PM  Grant  OAK ACTIVITY
50640 MF  3:15PM - 5:15PM  Lee  TER1 ACTIVITY
50644 MW  3:30PM - 5:30PM  Lett  GSAC ACTIVITY
50748 MR  5:00PM - 7:00PM  Bato  GSAC ACTIVITY
50615 MT  9:30AM - 11:30AM  Choubabko  TER1 ACTIVITY
50635 MF  10:00AM - 12:00PM  Hegstrom  WOO1 ACTIVITY
50609 M  10:00AM - 12:00PM  Pace-Byram  STO1 ACTIVITY
R  1:00PM - 3:00PM  Pace-Byram  STO1 ACTIVITY
50636 MT  1:30PM - 3:30PM  Hegstrom  SAR6 ACTIVITY
50618 M  3:00PM - 5:00PM  Choubabko  MIS1 ACTIVITY
T  2:30PM - 4:30PM  Choubabko  MIS1 ACTIVITY
50642 TF  10:00AM - 12:00PM  Lee  WEST ACTIVITY
50638 T  1:00PM - 3:00PM  Lee  VILLA ACTIVITY
W  10:00AM - 12:00PM  Lee  VILLA ACTIVITY
50794 T  10:00AM - 12:00PM  Watson  OURL ACTIVITY
50655 T  10:00AM - 12:00PM  Watson  OURL ACTIVITY
W  6:15PM - 8:15PM  Watson  OURL ACTIVITY
50623 T  1:00PM - 3:00PM  Cymanski  SOM ACTIVITY
R  12:00PM - 2:00PM  Cymanski  SOM ACTIVITY
50639 TW  3:15PM - 5:15PM  Lee  ALMA ACTIVITY
50643 TF  3:30PM - 5:30PM  Lett  GSAC ACTIVITY
50654 TR  3:30PM - 5:30PM  Watson  CAMD ACTIVITY
50793 TR  3:30PM - 5:30PM  Watson  CAMD ACTIVITY
50606 T  1:00PM - 3:00PM  Pace-Byram  VAS1 ACTIVITY
W  9:30AM - 11:30AM  Pace-Byram  VAS1 ACTIVITY
50633 T  10:00AM - 12:00PM  Hegstrom  PAL1 ACTIVITY
W  2:00PM - 4:00PM  Staff  PAL1 ACTIVITY
50616 TR  2:30PM - 4:30PM  Choubabko  GREE ACTIVITY
50614 TR  6:00PM - 8:00PM  Choubabko  MIS1 ACTIVITY
50646 WR  10:00AM - 12:00PM  Parravi  MIS1 ACTIVITY
50988 W  10:00AM - 12:00PM  Watson  SANT ACTIVITY
Su  2:00PM - 4:00PM  Staff  SANT ACTIVITY
50652 WR  1:15PM - 3:15PM  Watson  SAR6 ACTIVITY
50791 WR  1:15PM - 3:15PM  Watson  SAR6 ACTIVITY
50760 R  10:00AM - 12:00PM  Bohren  GREE ACTIVITY
F  2:30PM - 4:30PM  Bohren  GREE ACTIVITY
50619 R  10:00AM - 12:00PM  Choubabko  GREE ACTIVITY
F  2:30PM - 4:30PM  Choubabko  GREE ACTIVITY
50764 R  1:00PM - 5:00PM  Collins  SUN ACTIVITY
50625 R  2:30PM - 4:30PM  Cymanski  OAK ACTIVITY
S  1:30PM - 3:30PM  Cymanski  OAK ACTIVITY
50628 RF  3:15PM - 5:15PM  Grant  WHI1 ACTIVITY
50617 RS  3:30PM - 5:30PM  Choubabko  STO1 ACTIVITY
50758 RS  3:30PM - 5:30PM  Bohren  STO1 ACTIVITY
50634 R  10:00AM - 12:00PM  Hegstrom  SAR1 ACTIVITY
F  1:00PM - 3:00PM  Hegstrom  SAR1 ACTIVITY
50987 FSu  10:00AM - 12:00PM  Watson  STO1 ACTIVITY
50598 S  8:30AM - 12:30PM  Bato  GSAC ACTIVITY
50481 SSu  9:30AM - 11:30AM  Choubabko  TER1 ACTIVITY
50766 Su  9:00AM - 1:00PM  Collins  SUN ACTIVITY
50746 Su  1:00PM - 5:00PM  Bato  GSAC ACTIVITY

Nutritional Science  (NTR)

NTR 015  Human Nutrition  (3.0 Lecture)
Basic scientific principles of human nutrition in maintaining health & preventing disease are discussed. Biochemical functions & interrelationships of nutrients are examined. Designed for the student with no science background. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50744  ONLINE  Von Ploennies
NOTE: This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at mary.vonploennies@missioncollege.edu.

50250  ONLINE  Von Ploennies
NOTE: This section meets ONLINE only using the Canvas online learning management system. To add this class on or after the first day of instruction, students must contact the instructor directly at mary.vonploennies@missioncollege.edu.
ONLINE SUMMER CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com.

### Philosophy (PHI)

**PHI 001 Introduction to Philosophy (3.0 Lecture)**
Advisory: Eligibility for ENG 908 and REA 054. This course focuses on traditional philosophical systems and how they are relevant to solving the problems of contemporary existence. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50392 TWR 3:25PM - 6:25PM Johnston GC 308
50390 ONLINE Rettus

NOTE: This course is delivered completely online. On the first day of instruction for the term, enrolled students will have access to the online classroom. If you are new to online learning at Mission College, please go to the following website for information regarding Mission’s online classroom. http://missioncollege.edu/distlearn/students_new.html Students who want to add this course after registration has closed should contact Sara Rettus at sara.rettus@missioncollege.edu.

**PHI 002 Introduction to Logic (3.0 Lecture)**
Advisory: Eligibility for ENG 001A and REA 054. Students are introduced to techniques for evaluating the quality and correctness of a chain of thought. One of the goals of learning these techniques is to extend one’s thinking and learning beyond simple memorization and repetition; that is, one begins to understand what it means to think critically about a subject matter. Another aim is to improve one’s ability to read critically and to recognize and avoid logical errors. This class demonstrates that there are right and wrong ways to reason, and that good reasoning is a skill that can be developed and improved. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50391 ONLINE Rettus

NOTE: This course is delivered completely online. On the first day of instruction for the term, enrolled students will have access to the online classroom. If you are new to online learning at Mission College, please go to the following website for information regarding Mission’s online classroom. http://missioncollege.edu/distlearn/students_new.html Students who want to add this course after registration has closed should contact Sara Rettus at sara.rettus@missioncollege.edu.

### Physics (PHY)

**PHY 004A Engineering Physics-Mechanics (4.0 Lecture/1.0 Lab)**
Prerequisite: MAT 003A This course is a calculus-based study of forces, energy, momentum and gravity. Transfer: CSU/UC 6/10 - 7/18

50222 MTWR 10:00AM - 1:00PM Beck SCI 160
MTWR 1:10PM - 3:25PM Beck SCI 170

**PHY 004B Engineering Physics-Electricity and Magnetism (3.0 Lecture/1.0 Lab)**
Prerequisite: PHY 004A Prerequisite MAT 003B This lecture/laboratory course, the second in the engineering physics series, is a calculus-based study of electricity and magnetism that develops the concepts and applications of Maxwell’s equations, including DC and AC circuits. Transfer: CSU/UC 6/10 - 7/18

50258 MTWR 10:00AM - 12:05PM Khazeni MT 22
MTWR 12:15PM - 2:05PM Khazeni SCI 180

### Political Science (POL)

**POL 001 American Government (3.0 Lecture)**
Advisory: Eligibility for ENG 001A and REA 054. This course studies democratic structures and functions of American national, state, and local governments. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50686 TWR 11:00AM - 2:00PM Wise SEC 313
50811 ONLINE Heizer

### Psychology (PSY)

**PSY 001 General Psychology (3.0 Lecture)**
Advisory: Eligibility for ENG 908 and REA 054. This course introduces major concepts, problems and methods that psychologists use to investigate and understand the human mind. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50294 TWR 3:00PM - 6:00PM Santos GC 103
50269 ONLINE Guich
50290 ONLINE Cormier
50530 ONLINE Beckum

**PSY 007 Biological Psychology (3.0 Lecture)**
Prerequisite: PSY 001 This course is an introduction to the physiological substrates of behavior. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50291 ONLINE Constantin

**PSY 010 Social Psychology (3.0 Lecture)**
This course studies psychological and sociological influences on an individual while functioning in social contexts. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50292 ONLINE Cormier

**PSY 012 Human Growth and Development (3.0 Lecture)**
Advisory: PSY 001, Eligibility for ENG 908 and REA 054. The study of humans from conception to death is examined. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50531 ONLINE Cormier
50485 ONLINE Guich
50484 ONLINE Constantin

**PSY 030 Psychology of Addiction and Substance Abuse (3.0 Lecture)**
Advisory: Eligibility for ENG 001A and REA 053. The study of the physiological and psychological processes of addiction and substance abuse. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50289 ONLINE Guich

**PSY 045 Introduction to Human Sexuality (3.0 Lecture)**
Advisory: Eligibility for ENG 001A and REA 054. This course is an introduction to human sexuality, including basic health issues, attitudes, and behavior in western society. Pass/No Pass Option. Transfer: CSU/UC 6/10 - 7/18

50293 ONLINE Pasion
At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. For COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

**Sociology (SOC)**

**SOC 001 Introduction to Sociology (3.0 Lecture)**
- The study of interplay of the individual and society. Pass/No Pass Option. Transfer: CSU/UC
- 6/10 - 7/18
- 50252 ONLINE Houston

**SOC 002 Social Problems (3.0 Lecture)**
- A sociological analysis of contemporary social problems. Pass/No Pass Option. Transfer: CSU/UC
- 6/10 - 7/18
- 50253 ONLINE Pasion

**SOC 021 Introduction to Race and Ethnicity (3.0 Lecture)**
- This course introduces the student to the sociological analysis of race, ethnicity, and racism. Pass/No Pass Option. Transfer: CSU/UC
- 6/10 - 7/18
- 50254 ONLINE Houston

**SOC 040 Introduction to Marriage and Family (3.0 Lecture)**
- Advisory: SOC 001, Eligibility for ENG 908 and REA 054. An analysis of love and marriage in the 2000’S. Pass/No Pass Option. Transfer: CSU/UC
- 6/10 - 7/18
- 50255 ONLINE Hardinge

**SOC 045 Introduction to Human Sexuality (3.0 Lecture)**
- Advisory: Eligibility for ENG 001A and REA 054. This course is an introduction to human sexuality, including basic health issues, attitudes, and behavior in western society. Pass/No Pass Option. Transfer: CSU/UC
- 6/10 - 7/18
- 50256 ONLINE Pasion

**Work Experience (WRK)**

**WRK 300HM Occupational Work Experience**
- The student is required to attend an orientation at the beginning of the course and complete a minimum of 75 hours for paid work or a minimum of 60 hours for unpaid work for each unit earned per semester. Only one Work Experience course may be taken per semester. Students can earn a maximum of 8 units of Work Experience per term. Students may earn a maximum of 16 units of occupational work experience during their community college attendance. Only one Work Experience course may be taken per semester. Note: Students must be working in a job or volunteer position in the hospitality, food service and restaurant industries. Pass/No Pass Option.
- 6/10 - 7/18
- 50904 TBA Arias

**WRK 304 Work Experience Occupation**
- Students establish measurable goals and learning objectives obtained on the job in accordance with a training plan developed cooperatively between the employer, college and student.
- 6/10 - 8/01
- 50991 Online Zilg

---

**SOP 047 Sociology of Criminology (3.0 Lecture)**
- Advisory: SOC 001. The course is a sociological analysis of crime and criminal behavior in the United States; emphasis is placed on the study of victims, prevention of crime, prosecution, and rehabilitation. Opportunities to visit correctional facilities, trials, police informational meetings, or rehabilitation centers will be offered. Pass/No Pass Option. Transfer: CSU/UC
- 6/10 - 7/18
- 50257 ONLINE Houston

---

**Join a Varsity Team!**

We are looking for student-athletes for the upcoming season!

- Women’s Badminton
- Men’s and Women’s Tennis
- Softball
- Women’s Volleyball (Fall 2019)

missionsaints.com