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

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

75033 MTWR 8:00AM - 9:05AM Thompson GC 308
75036 MW 9:20AM - 11:25AM Thompson GC 306
75038 MW 12:40PM - 2:45PM Tseng GC 306
75041 MW 6:00PM - 8:05PM Tseng GC 226
75037 TR 10:25AM - 1:05PM Tseng SEC 230
NOTE: Section 75037 is a late start section that begins September 18.

75150 ONLINE Christopher
NOTE: This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Wednesday, August 29, from 3pm to 5pm, or from 6pm to 8pm, in GC-227, and a mandatory ON CAMPUS final exam on December 12 from 3pm to 5pm, or from 6pm to 8pm, in GC-227. To add this class on or after the first day of instruction, students must contact the instructor directly at betty.christopher@missioncollege.edu.

75149 ONLINE Christopher
NOTE: This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Wednesday, August 29, from 3pm to 5pm, or from 6pm to 8pm, in GC-227, and a mandatory ON CAMPUS final exam on December 12 from 3pm to 5pm, or from 6pm to 8pm, in GC-227. 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

75044 MW 12:40PM - 2:45PM Venkata GC 221
75043 TR 9:20AM - 11:25AM Thompson SEC 240
75045 W 5:30PM - 9:45PM Grewal GC 219
75151 ONLINE Venkata
NOTE: This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Tuesday, August 28, from 7pm to 9pm in GC-303, and a mandatory ON CAMPUS final exam on December 11 from 7pm to 9pm in GC-303. The course syllabus is at www.missioncollege.edu/-profiles/venkata_lakshmamma.html. To add this class on or after the first day of instruction, students must contact the instructor directly at lakshmamma.venkata@missioncollege.edu.

ACC 003  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

76505 ONLINE Hui
NOTE: This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Saturday, August 25, from 10am to 12pm in GC-229. The course syllabus is at www.missioncollege.edu/-profiles/hui_johnnie.html. To add this class on or after the first day of instruction, students must contact the instructor directly at johnnie.hui@missioncollege.edu.

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

76506 ONLINE Hui
NOTE: This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Saturday, October 20, from 10am to 12pm in GC-229. The course syllabus is at www.missioncollege.edu/-profiles/hui_johnnie.html. To add this class on or after the first day of instruction, students must contact the instructor directly at johnnie.hui@missioncollege.edu.

ACC 040  Introduction to Personal Financial Planning  (1.0 Lecture)
This course introduces the major areas of personal financial planning (insurance, investment, tax, retirement, and estate). Income statements, balance sheets and budgets are introduced, and students prepare their own personal budgets and statements of net worth. Pass/No Pass Option. Transfer: CSU

75152 ONLINE Madden
NOTE: This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Tuesday, August 28, from 6pm to 7pm in GC-221. The course syllabus is at www.missioncollege.edu/-profiles/madden_barbara.html. To add this class on or after the first day of instruction, students must contact the instructor directly at barbara.madden@missioncollege.edu.

ACC 042  Investment Planning  (1.0 Lecture)
This course introduces fundamental investment concepts such as risk, return, diversification, and how financial markets work. The course covers common stock, fixed-income securities, mutual funds and other investments. Students prepare their own personal statement of net worth and use asset allocation to design an investment portfolio. Pass/No Pass Option. Transfer: CSU

75153 ONLINE Madden
NOTE: This section meets ONLINE using the Canvas online learning management system, and has an optional orientation on Tuesday, October 2, from 6pm to 7pm in GC-221. The course syllabus is at www.missioncollege.edu/-profiles/madden_barbara.html. To add this class on or after the first day of instruction, students must contact the instructor directly at barbara.madden@missioncollege.edu.

ACC 044  Retirement Planning  (1.0 Lecture)
This course covers company pension and retirement plans, individual retirement plans and social security benefits. Students use a retirement savings worksheet to estimate their own savings needs for retirement. Pass/No Pass Option. Transfer: CSU
ONLINE FALL 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.

ACC 051A Taxation of Individuals (4.0 Lecture)
Advisory: ACC 001A and MAT 903. This course covers Federal and California tax laws and preparation for individuals and small businesses. The California Tax Education Council certifies this course in meeting the requirements to becoming a registered tax preparer. Transfer: CSU

ACC 052 Payroll and Business Tax Accounting (3.0 Lecture)
Prerequisite: ACC 001A Advisory: MAT 903 This course offers a thorough study of payroll preparation, payroll taxes, sales taxes, and personal property taxes. Transfer: CSU

ACC 053A Volunteer Income Tax Assistance (VITA) I (3.0 Lecture)
This course allows students to receive training in the preparation of tax returns. Following this course students can enroll in ACC 053B where they may assist low-income individuals in the preparation of their tax returns. Pass/No Pass Option. Transfer: CSU

ACC 057A Cost Accounting (4.0 Lecture)
Prerequisite: ACC 001B Advisory: MAT 903 This course covers cost accounting terminology, techniques and systems for managerial decision making. Topics include various costing systems, activity-based costing, budgeting and variance analysis, cost volume profit analysis, pricing decisions, the balanced scorecard, capital budgeting, and ethics. Transfer: CSU

ACC 058A Intermediate Accounting I (4.0 Lecture)
Advisory: MATH 903 Prerequisite: ACCGT 001A. This course is a review of financial accounting with in-depth analysis of balance sheet accounts, time value of money, and accounting theory. Transfer: CSU

ACC 059A Financial Auditing (4.0 Lecture)
Prerequisite: ACC 001A Advisory: ACC 058A Advisory: ACC 058B The course covers auditing and its environment including ethics, legal issues, fraud, auditing procedures, work paper preparation and report writing. Transfer: CSU

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

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

ACC 073 Accounting Information Systems (4.0 Lecture)
Prerequisite: ACC 001A Using SAP, an enterprise resource system (ERP) adopted by the majority of Fortune 1000 companies, students will gain valuable and practical skills in Accounting Information Systems, common business processes, basic database designs, and systems controls. The skills built will be useful for individuals planning to take additional higher level business, accounting, and/or information systems classes; seeking careers in the accounting / finance department of organizations; or interested in becoming an auditor, analyst, or consultant. Transfer: CSU
ON-CAMPUS meetings. On-campus meetings are Tuesdays 8/28, 9/18, 10/9, 10/30, 11/27, and 12/11, from 5:30pm to 7:35pm in room GC-219. The course syllabus is at www.missioncollege.edu/profiles/tseng_jennifer.html. To add this class on or after the first day of instruction, students must contact the instructor directly at jennifer.tseng@missioncollege.edu.

AHL 001A Health Occupations Bootcamp (2.0 Lecture)
This course is designed to prepare the potential Health Occupations student for entry into and success in a Health Occupations program. The course content focuses on competencies expected upon entry, study skills, test-taking strategies, stress management, mathematics for dosage calculation, critical thinking, critical reasoning, and introduction to the nursing process.

76094 F 8:30AM - 10:40AM Della porta GC 225

AHL 914 Math for Health Occupations (1.0 Lecture)
This course is an introduction to math calculations for health occupations students. It provides the learner with the opportunity to explore the math functions within the health field. Pass/No Pass Option.

10/10 - 12/7

75735 F 10:00AM - 12:00PM Brown GC 223

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/UC

74432 TR 10:55AM - 12:20PM Flores SEC 216
NOTE: This course is delivered completely online for 54.4 contact hours.

75909 ONLINE Flores
NOTE: This is a late-start eight week class. On Monday, October 15, 2018 registered students may access this course using Canvas, the online learning management system for the College.

10/15 - 12/15

ANT 003 Introduction to Cultural Anthropology (3.0 Lecture)
This course is the study of cultural and social behavior as developed through the anthropological study of contemporary peoples. It includes a comparative study of the range of cultures of the world with emphasis on social organization, economics, religion, kinship systems, cultural patterns, values and ethics, and ecology. Pass/No Pass Option. Transfer: CSU/UC

76361 TR 9:20AM - 10:45AM Flores SEC 216
75910 ONLINE Ybarra
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

Art (ART)

ART 001A Survey of Western Art I (3.0 Lecture)
Survey of painting, sculpture, and architecture in Western world from Prehistoric times through Medieval period. Pass/No Pass Option. Transfer: CSU/UC

74489 MW 10:55AM - 12:20PM Thickpeny GC 110
74498 TR 2:30PM - 3:55PM Thickpeny GC 110

ART 001B Survey of Western Art II (3.0 Lecture)
A survey of painting, sculpture and architecture in Western world from Renaissance to the 20th century. Pass/No Pass Option. Transfer: CSU/UC

74502 TR 10:55AM - 12:20PM Thickpeny GC 110

ART 001D Art of the 20th Century (3.0 Lecture)
A general survey of painting, sculpture, and architecture in the Western world from the Impressionists to the present day. Pass/No Pass Option. Transfer: CSU/UC

74505 MW 12:40PM - 2:05PM Thickpeny GC 110

ART 031A Drawing (2.0 Lecture/1.0 Lab)
Beginning drawing course for students with no former drawing experience. Drawing of natural and man-made forms from observation, directed toward realistic rendering of objects, introduction to pictorial composition and perspective; introduction to drawing media; pencil, charcoal, conte, pen and ink, pastels and chalk. Studio practice emphasizes basic shading techniques. Pass/No Pass Option. Transfer: CSU/UC

74847 MW 12:30PM - 1:35PM Staff GC 108
MW 1:35PM - 3:35PM Staff GC 108
74848 MW 3:40PM - 4:45PM Coon GC 108
MW 4:45PM - 6:45PM Coon GC 108
74518 MW 7:00PM - 8:05PM Tomasso GC 108
MW 8:05PM - 10:05PM Tomasso GC 108
74444 TR 9:20AM - 10:25AM Engel GC 108
TR 10:25AM - 12:25PM Engel GC 108
74446 TR 12:30PM - 1:35PM Engel GC 108
TR 1:35PM - 3:35PM Engel GC 108
74845 S 10:00AM - 12:05PM Rivera GC 108
S 12:05PM - 4:25PM Rivera GC 108

8/25 - 12/15

ART 031B Intermediate Drawing (2.0 Lecture/1.0 Lab)
Prerequisite: ART 031A This intermediate course is for students with previous college-level drawing experience and focuses on drawing from natural and human-made forms from observation. It is directed toward realistic rendering of objects and is an introduction to color drawing media; colored pencil, pen and ink, watercolor, pastels and chalk. Pass/No Pass Option. Transfer: CSU/UC

74967 MW 9:20AM - 10:25AM Engel GC 108
MW 10:25AM - 12:25PM Engel GC 108
74969 MW 3:40PM - 4:45PM Coon GC 108
MW 4:45PM - 6:45PM Coon GC 108
74959 S 10:00AM - 12:05PM Rivera GC 108
S 12:05PM - 4:25PM Rivera GC 108

8/25 - 12/15

ART 033A Basic Design: Two-Dimensional (2.0 Lecture/1.0 Lab)
Basic introductory course to principles & elements of 2-dimensional design. Pass/No Pass Option. Transfer: CSU/UC

74974 MW 12:30PM - 1:35PM Engel GC 104
MW 1:35PM - 3:35PM Engel GC 104
NOTE: $15.00 material fee.
### Mission College Fall Session Courses 2018 Schedule of Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Days and Times</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 033B</td>
<td>Basic Design: Three-Dimensional (2.0 Lecture/1.0 Lab)</td>
<td></td>
<td>TR 3:40PM - 4:45PM</td>
<td>Todaro A 103</td>
</tr>
<tr>
<td>ART 034A</td>
<td>Introduction to Digital Art (2.0 Lecture/1.0 Lab)</td>
<td></td>
<td>TR 4:45PM - 6:45PM</td>
<td>Todaro A 103</td>
</tr>
<tr>
<td>ART 034B</td>
<td>Advanced Digital Art (2.0 Lecture/1.0 Lab)</td>
<td></td>
<td>TR 4:45PM - 6:45PM</td>
<td>Lindseth GC 305</td>
</tr>
<tr>
<td>ART 035A</td>
<td>Life Drawing (2.0 Lecture/1.0 Lab)</td>
<td></td>
<td>MW 7:00PM - 8:05PM</td>
<td>Lindseth GC 305</td>
</tr>
<tr>
<td>ART 035B</td>
<td>Life Drawing (2.0 Lecture/1.0 Lab)</td>
<td></td>
<td>TR 4:45PM - 6:45PM</td>
<td>Lindseth GC 305</td>
</tr>
<tr>
<td>ART 035C</td>
<td>Life Drawing (2.0 Lecture/1.0 Lab)</td>
<td></td>
<td>MW 10:25AM - 12:25PM</td>
<td>Engel GC 108</td>
</tr>
</tbody>
</table>

**ART 033B**  
This course introduces students to the elements and principles of design of three-dimensional forms. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 034A**  
This course is an introductory computer art course. The course introduces students to microcomputers (Macintosh and PCs), their operating systems and graphical software (Adobe Photoshop) for creating and manipulating images. This course will introduce the student to basic Design Elements and Principles. Specific projects will be executed relating to visual awareness, line, shape, form, space, and color. Students will learn drawing skills on a computer and how to work with peripheral devices. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 034B**  
Prerequisite: ART 034A This is an advanced design course combining computer graphics and fine arts image processing. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 035A**  
Prerequisite: ART 031A This course is a fundamental study of the human figure as the main subject matter of drawings. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 035B**  
Prerequisite: ART 035A This course is a low intermediate study of the human form and structure rendered in realistic terms. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 035C**  
Prerequisite: ART 035B This course is a high intermediate study of the human form and structure. It emphasizes creative interpretation and use of the human form for artistic expression. It focuses on drawing the live model in a variety of styles and media. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 035D**  
Prerequisite: ART 035C This course is an advanced study of the human form and structure. It emphasizes creative interpretation and use of the human form for artistic expression. It focuses on drawing the live model in a variety of styles and media. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 049A**  
Basic introduction to traditional & current painting techniques & media. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 049B**  
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

**ART 049C**  
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

**ART 049D**  
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

**ART 065A**  
Introductory course in ceramics emphasizing hand-building techniques. Pass/No Pass Option.  
Transfer: CSU/UC

**ART 065B**  
Prerequisite: ART 065A ART 065B 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

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**ONLINE FALL 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.
ART 065C Ceramics-Handbuilding (2.0 Lecture/1.0 Lab)
Prerequisite: ART 065B ART 065C focuses on different aspects of ceramics providing students with supervised participatory experience in which artistic skills are enhanced by repetition and practice. Pass/No Pass Option. Transfer: CSU/UC
75031 MW 12:30PM - 1:35PM Coon A 110
MW 1:35PM - 3:35PM Coon A 110
NOTE: $20.00 material fee.

ART 065D Ceramics-Handbuilding (2.0 Lecture/1.0 Lab)
Prerequisite: ART 065C ART 065D focuses on different aspects of ceramics, providing students with supervised participatory experience in which artistic skills are enhanced by repetition and practice. Pass/No Pass Option. Transfer: CSU/UC
75034 MW 12:30PM - 1:35PM Coon A 110
MW 1:35PM - 3:35PM Coon A 110
NOTE: $20.00 material fee.

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
75042 MW 12:30PM - 1:35PM Coon A 110
MW 1:35PM - 3:35PM 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 on the potter’s wheel directed toward refinement of throwing skills and ceramic design. Pass/No Pass Option. Transfer: CSU/UC
75055 MW 12:30PM - 1:35PM Coon A 110
MW 1:35PM - 3:35PM 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
75060 MW 12:30PM - 1:35PM Coon A 110
MW 1:35PM - 3:35PM Coon A 110
NOTE: $20.00 material fee.

ART 075A Metalsmithing (2.0 Lecture/1.0 Lab)
Advisory: ART 033A and/or Advisory: ART 033B This course is an introduction to the elements of design and metalsmith techniques. Pass/No Pass Option. Transfer: CSU
75062 TR 7:00PM - 8:05PM Todaro A 109
TR 8:05PM - 10:05PM Todaro A 109
NOTE: $20.00 material fee.

ART 075B Metalsmithing (2.0 Lecture/1.0 Lab)
Prerequisite: ART 075A This course continues to apply the elements of design to metal and introduces new metalsmith techniques. Pass/No Pass Option. Transfer: CSU
76567 TR 7:00PM - 8:05PM Todaro A 109
TR 8:05PM - 10:05PM Todaro A 109
NOTE: $20.00 material fee.

ART 075C Metalsmithing (2.0 Lecture/1.0 Lab)
Prerequisite: ART 075B This is an advanced course in metalsmithing that provides students with an opportunity to build on skills learned in previous course levels and explore new techniques. Topics may include advanced techniques in jewelry casting, metal sculpture construction, and color on metal. Pass/No Pass Option. Transfer: CSU
75061 TR 7:00PM - 8:05PM Todaro A 109
TR 8:05PM - 10:05PM Todaro A 109
NOTE: $20.00 material fee.

ART 075D Metalsmithing (2.0 Lecture/1.0 Lab)
Prerequisite: ART 075C This is an advanced course in metalsmithing which focuses on different aspects of course content from previous levels. Students are provided with supervised participatory experience. Pass/No Pass Option. Transfer: CSU
76568 TR 7:00PM - 8:05PM Todaro A 109
TR 8:05PM - 10:05PM Todaro A 109
NOTE: $20.00 material fee.

ART 078A Furniture Design and Woodworking (2.0 Lecture/1.0 Lab)
Advisory: ART 033B This course covers basic skills in furniture design, construction and finishing. Pass/No Pass Option. Transfer: CSU
75063 F 10:20AM - 12:30PM Todaro A 102
F 12:30PM - 4:25PM Todaro A 102
NOTE: $10.00 material fee.

ART 078B Furniture Design and Woodworking (2.0 Lecture/1.0 Lab)
Prerequisite: ART 078A This course introduces more advanced techniques for design and furniture construction. Students build on skills learned in ART 078A. Pass/No Pass Option. Transfer: CSU
75064 F 10:20AM - 12:30PM Todaro A 102
F 12:30PM - 4:25PM Todaro A 102
NOTE: $10.00 material fee.

ART 078C Furniture Design and Woodworking (2.0 Lecture/1.0 Lab)
Prerequisite: ART 078B ART 078C is an advanced woodworking class which involves furniture construction techniques and equipment not covered in previous levels. Topics include advanced cabinetry techniques and complex joinery. Pass/No Pass Option. Transfer: CSU
75065 F 10:20AM - 12:30PM Todaro A 102
F 12:30PM - 4:25PM Todaro A 102
NOTE: $10.00 material fee.

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ART 088B Metal Sculpture Casting  (2.0 Lecture/1.0 Lab)
Prerequisite: ART 088A This course is a study of the metal casting process which introduces new techniques and skill-building assignments, as well as development of a personal form. Pass/No Pass Option. Transfer: CSU
76544 MW 6:00PM - 7:35PM Beck SCI 140

ART 088C Metal Sculpture Casting  (2.0 Lecture/1.0 Lab)
Prerequisite: ART 088B This course covers different aspects of metal sculpture casting along with supervised participatory experience. Pass/No Pass Option. Transfer: CSU
76571 TR 3:40PM - 4:45PM Todaro A 103
TR 4:45PM - 6:45PM Todaro A 103
NOTE: $20.00 material fee.

ART 088D Metal Sculpture Casting  (2.0 Lecture/1.0 Lab)
Prerequisite: ART 088C This course focuses on different aspects of metal sculpture casting along with supervised participatory experience. Pass/No Pass Option. Transfer: CSU
76572 TR 3:40PM - 4:45PM Todaro A 103
TR 4:45PM - 6:45PM Todaro A 103
NOTE: $20.00 material fee.

Astronomy (AST)
AST 001 Astronomy (3.0 Lecture)
This course covers the entire panorama of the universe including early human observations, the solar system, stars, galaxies and cosmology. Grade Only. Transfer: CSU/UC
75370 W 6:00PM - 9:10PM Staff GC 107

AST 003 Astronomy With Lab (3.0 Lecture/1.0 Lab)
This course covers the entire panorama of the universe including the observations of the night sky, the solar system, stars, galaxies and cosmology. Grade Only. Transfer: CSU/UC
75371 T 9:20AM - 12:30PM Poe SCI 160
R 9:20AM - 12:30PM Poe SCI 160
75373 T 2:15PM - 5:25PM Beck SCI 160
R 2:15PM - 5:25PM Beck SCI 160
75372 T 6:00PM - 9:10PM Beck SCI 160
R 6:00PM - 9:10PM Beck SCI 160

AST 003H Astronomy With Lab - Honors (3.0 Lecture/1.0 Lab)
This course covers the entire panorama of the universe including the observations of the night sky, the solar system, stars, galaxies and cosmology. Students cannot get credit for both ASTRO 003 and ASTRO 003H. 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
75862 T 9:20AM - 12:30PM Poe SCI 160
R 9:20AM - 12:30PM Poe SCI 160

AST 004 Astrobiology - Life in the Universe (3.0 Lecture)
This course examines the astronomical influences on life on Earth and the possibility of life other places in the Universe.
We study the chemical basis for life, the origin, evolution, and constraints of life on Earth, and the markers of life that may be seen in the Universe. Pass/No Pass Option. Transfer: CSU/UC
76544 MW 6:00PM - 7:35PM Beck SCI 140
### Biological Sciences (BIO)

**BIO 001A  General Biology: Cells (3.0 Lecture/2.0 Lab)**  
Prerequisite: CHM 001A; Prerequisite: MAT 000C or any higher math; and Prerequisite: BIO 010 or Prerequisite: BIO 011: Advisory: CHM 001B This course is a comprehensive introduction to cell and molecular biology, and is designed for students intending to transfer to majors in the biological sciences as well as for those seeking to enter professional programs such as medicine or pharmacy. Grade Only.  
*Transfer: CSU/UC*

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>74935</td>
<td>TR</td>
<td>9:20AM - 10:45AM</td>
<td>Winsome GC 308</td>
</tr>
<tr>
<td></td>
<td>TR</td>
<td>10:55AM - 2:05PM</td>
<td>Winsome SCI 220</td>
</tr>
</tbody>
</table>

**BIO 001B  General Biology: Organisms (3.0 Lecture/2.0 Lab)**  
Prerequisite: BIO 001A This course examines the unity and diversity of multicellular life, ecological and evolutionary principles, and form/function relationships in plants and animals. The course is designed for students majoring in the biological sciences or seeking entry to professional programs such as Medicine, Pharmacy, and Dentistry.  
*Transfer: CSU/UC*

<table>
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<tbody>
<tr>
<td>76013</td>
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<td>9:20AM - 10:45AM</td>
<td>Bell HM 121</td>
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<td>TR</td>
<td>10:55AM - 2:05PM</td>
<td>Bell SCI 230</td>
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**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*

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<th>Section</th>
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<td>74944</td>
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<td>Staff SCI 216</td>
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<tr>
<td>74961</td>
<td>MW</td>
<td>5:25PM - 6:50PM</td>
<td>Drzakiewicz SCI 120</td>
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<td>MW</td>
<td>7:00PM - 10:10PM</td>
<td>Drzakiewicz SCI 216</td>
</tr>
<tr>
<td>74973</td>
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<td>Staff GC 306</td>
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<td>TR</td>
<td>2:15PM - 5:25PM</td>
<td>Staff SCI 216</td>
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**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*

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<td>75403</td>
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<td>Ansari GC 227</td>
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<tr>
<td>75406</td>
<td>TR</td>
<td>5:25PM - 6:50PM</td>
<td>Harness GC 227</td>
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</table>

**BIO 010L  Introduction to Biology Lab (1.0 Lab)**  
Corequisite: BIO 010 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*

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<th>Section</th>
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<tr>
<td>75407 F</td>
<td>F</td>
<td>9:20AM - 12:30PM</td>
<td>Harness SCI 230</td>
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<tr>
<td>75408 F</td>
<td>F</td>
<td>1:00PM - 4:10PM</td>
<td>Harness SCI 230</td>
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**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*

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<th>Section</th>
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<tr>
<td>75409 ONLINE</td>
<td>F</td>
<td>9:20AM - 12:30PM</td>
<td>Smiley GC 111</td>
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</tbody>
</table>

*NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly at kelly.neary@missioncollege.edu.*

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<th>Section</th>
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<tr>
<td>75410 WF</td>
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<td>12:40PM - 3:50PM</td>
<td>Ansari GC 111</td>
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<td>75411 S</td>
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<td>9:20AM - 12:30PM</td>
<td>Smiley GC 223</td>
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<td>S</td>
<td>1:00PM - 4:10PM</td>
<td>Smiley GC 111</td>
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**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.*  
*Transfer: CSU/UC*

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<th>Section</th>
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<tr>
<td>76574 ONLINE</td>
<td>F</td>
<td>9:20AM - 12:30PM</td>
<td>Smiley GC 111</td>
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*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 kelly.neary@missioncollege.edu.*

**BIO 016  Marine Biology (3.0 Lecture/1.0 Lab)**  
This four unit course introduces students of all disciplines to ocean ecology and marine life. Topics are explored through classroom learning and seven required field trips to local marine habitats and research facilities in the San Francisco and Monterey Bays. Some field trips may extend beyond regularly scheduled class meeting time. Students arrange their own transportation to the field sites.  
*Pass/No Pass Option.*  
*Transfer: CSU/UC*

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<td>75412 F</td>
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<td>F</td>
<td>1:00PM - 4:10PM</td>
<td>Bell SCI 220</td>
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*NOTE: Students must pay a course fee which is approximately $70 to cover field trip costs. For more information, contact Elizabeth Bell at elizabeth.bell@missioncollege.edu.*

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**ONLINE FALL 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.
BIO 017  Genetics and Society  (3.0 Lecture)
This course is a broad survey of genetics, with a focus on the societal impacts of topics in genetics such as human genetic disease, biotechnology, reproductive technologies, and evolution. This course is a broad survey of genetics, with a focus on the societal impacts of topics in genetics such as human genetic disease, biotechnology, reproductive technologies, and evolution. It is designed for the general education student. Pass/No Pass Option. Transfer: CSU/UC

75413  ONLINE  Winsome
NOTE: This section meets ONLINE using the Canvas online learning management system and requires mandatory ON CAMPUS meetings 10/5 and 11/9 from 5PM to 7PM in SCI-220. To add this class on or after the first day of instruction, students must contact the instructor directly at thais.winsome@missioncollege.edu.

BIO 017H  Genetics and Society - Honors  (3.0 Lecture)
This course is a broad survey of genetics, with a focus on the societal impacts of topics in genetics such as human genetic disease, biotechnology, reproductive technologies, and evolution. The honors component involves an in-depth analysis of specific topics, using current information from research journals. Students cannot get credit for both BIOSC 017 and BIOSC 017H. 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

76053  ONLINE  Winsome
NOTE: This section meets ONLINE using the Canvas online learning management system and requires mandatory ON CAMPUS meetings. Exam 1: Friday Oct 5th, 5:00-7:00 pm in SCI-220. Exam 2: Friday, Nov 9th, 5:00-7:00 pm in SCI-220. To add this class on or after the first day of instruction, students must contact the instructor directly at thais.winsome@missioncollege.edu.

BIO 019  Oceans: Life in the Sea  (3.0 Lecture)
This non-majors course surveys the biological principles of marine science. It provides an overview of the ocean environment, diversity of marine life, basic ecological principles and types of marine ecosystems. The relationship between humans and the ocean is emphasized, focusing on conservation biology and sustainability. Pass/No Pass Option. Transfer: CSU/UC

76575  TR  3:50PM - 5:15PM  Bell  GC 227

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

75414  WF  9:20AM - 10:45AM  Javier-Tolentino  GC 221
F  10:55AM - 2:05PM  Moossavi Shafaei  GC 115

75415  WF  12:40PM - 2:05PM  Javier-Tolentino  GC 226
F  2:15PM - 5:25PM  Javier-Tolentino  GC 115

75416  S  9:20AM - 12:30PM  Staff  GC 110
S  1:00PM - 4:10PM  Staff  GC 115
8/25 - 12/15

BIO 025  Environmental Biology  (3.0 Lecture)
This course is designed for student of all disciplines to introduce a wide range of contemporary biological topics that will affect their lives; e.g., population growth and control, environmental problems, genetic manipulation, nutrition, energy issues, etc. Transfer: CSU/UC

75417  MW  5:25PM - 6:50PM  Higgins  GC 331

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

75419  MW  9:20AM - 10:45AM  Chan  HM 121
MW  10:55AM - 2:05PM  Chan  GC 115

75420  MW  12:40PM - 2:05PM  Staff  SCI 140
MW  2:15PM - 5:25PM  Staff  GC 115

75421  MW  5:25PM - 6:50PM  Moossavi  SCI 140
MW  7:00PM - 10:10PM  Moossavi  GC 115

75422  TR  9:20AM - 10:45AM  Cabanilla  GC 219
TR  10:55AM - 2:05PM  Cabanilla  GC 115

75423  TR  12:40PM - 2:05PM  Staff  GC 219
TR  2:15PM - 5:25PM  Staff  GC 115

BIO 048  Human Physiology  (3.0 Lecture/2.0 Lab)
Prerequisite: BIO 047 ; and Prerequisite: CHM 001AH or Prerequisite: CHM 001AH 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

75426  MW  9:20AM - 10:45AM  Cabanilla  GC 107
MW  10:55AM - 2:05PM  Cabanilla  GC 111

75424  TR  9:20AM - 10:45AM  Neary  SCI 140
TR  10:55AM - 2:05PM  Neary  GC 111
NOTE: For optional Honors course, see BIO 048H CRN #71685.

76576  TR  12:40PM - 2:05PM  Javier-Tolentino  GC 221
TR  2:15PM - 5:25PM  Javier-Tolentino  GC 111

75425  TR  5:25PM - 6:50PM  Do  SCI 140
TR  7:00PM - 10:10PM  Do  GC 111

BIO 048H  Human Physiology - Honors  (3.0 Lecture/2.0 Lab)
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. The honors component involves an in-depth analysis of specific topics, using current information from research journals. Students cannot get credit for both BIOSC 48 and BIOSC 48H. 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

75427 TR 9:20AM - 10:45AM Neary SCI 140
TR 10:55AM - 2:05PM Neary GC 111

**Business (BUS)**

**BUS 010 Global Business (3.0 Lecture)**

This course provides a comprehensive overview of global business including international management, finance, law, global strategy and marketing. Pass/No Pass Option. **Transfer: CSU/UC**

75159 ONLINE Shan
NOTE: Concurrent enrollment in BUS 021L is required. This is an online class. The orientation will be online via web conference. Conference details will be emailed and posted in the "Announcements" section of Canvas by August 27. If you have questions, please email the instructor at wenlei.shan@missioncollege.edu.

**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**

76008 ONLINE Shan
NOTE: Concurrent enrollment in BUS 021L is required. This is an online class. The orientation will be online via web conference. Conference details will be emailed and posted in the "Announcements" section of Canvas by August 27. If you have questions, please email the instructor at wenlei.shan@missioncollege.edu. To add this class on or after the first day of instruction, students must contact the instructor directly.

75161 ONLINE Golden
NOTE: Concurrent enrollment in BUS 021L is required. This is an online class. The orientation will be on Thursday, August 30 from 6:00-7:00 PM in GC 205. If you are trying to add after the orientation, you must contact the instructor directly at judie.delfrate@missioncollege.edu.

75160 ONLINE Zilg
NOTE: Concurrent enrollment in BUS 021L is required. This is an online class. Please attend the orientation on Tuesday, August 28 from 7:00-8:00 PM in Room GC 203. If you are trying to add this section on or after the orientation, August 28, you must contact the instructor directly at christopher.zilg@missioncollege.edu.

**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**

75194 ONLINE Golden
NOTE: Concurrent enrollment in BUS 021L is required. This is an online class. Please attend the orientation on Tuesday, August 28 from 6:00PM-7:00PM in Room GC 229. If you are trying to add this section on or after Tuesday, August 28, you must contact the instructor directly at judie.delfrate@missioncollege.edu.

75163 ONLINE Golden
NOTE: Concurrent enrollment in BUS 021L is required. This is an online class. Please attend the orientation on Tuesday, August 28 from 6:00PM-7:00PM in Room GC 229. If you are trying to add this section on or after August 28, you must contact the instructor directly at judie.delfrate@missioncollege.edu.

**BUS 028A Business Law I (3.0 Lecture)**

This course provides an introduction to the laws of the United States with an emphasis on matters relating to the conduct of business and commerce. Pass/No Pass Option. **Transfer: CSU/UC**

75068 MW 10:55AM - 12:20PM Zilg GC 304
75072 TR 12:40PM - 2:05PM Zilg GC 320
75164 ONLINE Shan
NOTE: Concurrent enrollment in BUS 021L is required. This is an online class. The orientation will be online via web conference. Conference details will be emailed and posted in the "Announcements" section of Canvas by August 27. If you have questions, please email the instructor at wenlei.shan@missioncollege.edu. To add this class on or after the first day of instruction, students must contact the instructor directly.

75200 ONLINE Shan
NOTE: This is an online class. The orientation will be online via web conference. Conference details will be emailed and posted in the "Announcements" section of Canvas by August 27. If you have questions, please email the instructor at wenlei.shan@missioncollege.edu. To add this class on or after the first day of instruction, students must contact the instructor directly.

**BUS 037 Fundamentals of Project Management (3.0 Lecture)**

This course focuses on the fundamentals of project management. Pass/No Pass Option. **Transfer: CSU/UC**

76010 M 6:30PM - 9:40PM Zilg GC 302 HYBRID
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly christopher.zilg@missioncollege.edu. Hybrid class meets 8/27, 9/10, 9/24, 10/8, 10/29, 11/19, 12/3 in GC 302 from 6:30-9:40pm.

**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. **Transfer: CSU/UC**

75203 MW 12:40PM - 2:05PM Shan GC 303
75202 TR 10:55AM - 12:20PM Shan GC 331
75204 ONLINE Zilg
NOTE: This is an online class. Please attend the orientation on Monday, August 27 from 6:00 PM-7:00 PM in Room MT-08. If you are trying to add this section on or after the orientation, you must contact the instructor directly at christopher.zilg@missioncollege.edu.

**BUS 052 Fundamentals of Financial Investing (3.0 Lecture)**

This course provides students with the fundamentals to make sound financial investment decisions. Study involves learning about the investment environment and the risks and returns associated with different types of financial investments. Pass/No Pass Option. **Transfer: CSU**

75205 ONLINE Nolan
NOTE: This is an online class. Please attend the orientation on Tuesday August 28 from 7:00 P.M-8:00 PM in Room GC 306. If you are trying to add this section on or after the orientation, you must contact the instructor directly at paul.nolan@missioncollege.edu.
ONLINE FALL 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.

BUS 054 Small Business Start Up and Management (3.0 Lecture)
This course offers methods of research and planning to start a small business and is recommended for persons who want to explore the opportunities and requirements of creating and managing their own business enterprise. Pass/No Pass Option. Transfer: CSU
76561 R 6:30PM - 9:40PM Leadbeater GC 203

BUS 056A Marketing Principles (3.0 Lecture)
This course gives students an overall understanding of marketing functions and their society. The course covers the fundamentals of marketing, including: product planning and development; buyer behavior; pricing strategies; marketing channels; and methods of marketing research. Pass/No Pass Option. Transfer: CSU
75206 ONLINE Leadbeater
NOTE: This is an online class. Please attend the orientation on Tuesday, August 28, 2018 from 5:00PM to 6:00PM, in Room GC 221. If you are trying to add this section on or after the orientation, you must contact the instructor directly at rob. leadbeater@missioncollege.edu.

BUS 061 Business and Society (3.0 Lecture)
This course is a study of business and its impact on society and society’s influence on business. Ethics, business and government in a global society, managing environmental issues and societal challenges, and the benefits of business activity are covered. Pass/No Pass Option. Transfer: CSU
75207 ONLINE McCormick
NOTE: This is an online class. Please attend the orientation on Tuesday, August 28, 2018 from 6:00PM to 7:00PM in Room TBA. If you are trying to add this section on or after the orientation, you must contact the instructor directly at drew. mccormick@missioncollege.edu.

BUS 064B Business Math (4.0 Lecture)
This course is designed for all business majors to review the fundamental math principles. It emphasizes methods of problem interpretation and the solving of common business calculation problems. Pass/No Pass Option. Transfer: CSU
75208 ONLINE Nolan
NOTE: This is an online class. Please attend the orientation on Saturday, August 25, 2018 from 11:00am-12:00pm p.m. in room GC 326. If you are trying to add this section on or after the orientation, August 29, you must contact the instructor directly at paul.nolan@missioncollege.edu.

BUS 078B Business Communications (3.0 Lecture)
Prerequisite: ENG 001A This course develops writing skills to improve communication ability in the business environment. Pass/No Pass Option. Transfer: CSU
75209 ONLINE Varma
NOTE: This is an online class. Please attend the orientation on Monday August 27th from 7-8pm in Room GC 303. If you are trying to add this section on or after the orientation, you must contact the instructor directly at neera.varma@missioncollege.edu.

BUS 084 Internet Marketing (3.0 Lecture)
This course introduces students to Internet marketing. Pass/No Pass Option. Transfer: CSU
75210 ONLINE Leadbeater
NOTE: This is an online class. Please attend the orientation on Tuesday, August 28, 2018 from 6:00PM-7:00PM, in Room GC 203. If you are trying to add this section on or after the orientation, you must contact the instructor directly at rob. leadbeater@missioncollege.edu.

BUS 118 Human Resources Management (3.0 Lecture)
This course is designed as an overview of the Human Resource functions and the employment of human resources to achieve organizational strategic goals by working with and through people. Topics include HR legal environment, recruitment and selection, training and development, compensation and benefits, performance appraisals, workforce diversity, downsizing, outsourcing, and contracting. Pass/No Pass Option. Transfer: CSU
75211 ONLINE Yurtseven
NOTE: This is an online class. Please attend the orientation on Wednesday, August 29, 2018 from 5-6PM in room GC-308. If you are trying to add this section on or after the orientation, August 29, you must contact the instructor directly at lale.yurtseven@missioncollege.edu.

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 pre-professional chemistry for students planning a career in science related fields. High school Chemistry with a B or better is required. Transfer: CSU/UC
74797 TR 9:00AM - 10:45AM Tran GC 227
74798 TR 10:55AM - 12:40PM Tran SCI 270
74799 TR 1:15PM - 2:55PM Schwegel SCI 270
75054 MW 5:25PM - 7:00PM Bolourian SCI 331
75055 MW 7:00PM - 8:45PM Bolourian SCI 270

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
74801 MW 9:00AM - 10:45AM Slobodova SCI 140
74802 MW 10:55AM - 12:40PM Slobodova SCI 270
75054 MW 5:25PM - 7:00PM Sinha GC 227
75055 MW 7:00PM - 8:45PM Sinha SCI 270

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
74804 MW 9:00AM - 10:45AM Al Baker GC 103
74805 MW 11:45AM - 1:30PM Al Baker GC 119
ONLINE FALL 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.

MISSION COLLEGE

FALL SESSION COURSES

CHM 002L Introductory Chemistry Laboratory (1.0 Lab)
Corequisite: CHM 002 or Prerequisite: CHM 002. This course is a laboratory component to accompany CHM 002: Introductory Chemistry. Transfer: CSU/UC
74804 M 10:55AM - 2:05PM Al Baker SCI 280

CHM 012A Organic Chemistry I (3.0 Lecture/2.0 Lab)
Prerequisite: CHM 001B or CHM 001BH. This course is a study of the fundamentals of organic chemistry with emphasis on underlying concepts. It is recommended for chemistry majors, chemical engineering majors, and most biology majors, pre-pharmacy, pre-medical and pre-dental students. Transfer: CSU/UC
74807 MW 12:40PM - 2:05PM Viermes GC 103
MW 2:15PM - 5:25PM Viermes SCI 260
NOTE: For the corresponding Honors Program class, see CHM 012AH, section 75052.
74805 MW 5:35PM - 8:45PM Viermes SCI 260 ONLINE Viermes
NOTE: 3.4 weekly online hours. The lecture portion of this course meets online using internet resources and the lab portion meets in person every Tuesday and Thursday 5:30PM-8:45PM in Room SCI-260. The orientation for this course is on 8/27/18 at 5:30-7:05PM in Room SCI-260. Three on-campus exams are scheduled on 9/25, 10/31 from 12:40-2:05pm in GC-103. The final exam is 12/12 from 12:40-2:05pm in room GC-107. For more information, contact Neil Viermes at neil.viermes@missioncollege.edu.
74806 TR 7:45AM - 9:10AM Al Baker SCI 140
TR 9:20AM - 12:30PM Al Baker SCI 260

CHM 012AH Organic Chemistry I (3.0 Lecture/2.0 Lab)
This course is a study of the fundamentals of organic chemistry with emphasis on underlying concepts. It is recommended for chemistry majors, chemical engineering majors, and most biology majors, pre-pharmacy, pre-medical and pre-dental students. Students cannot get credit for both CHEM 012A and CHEM 012AH. 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
75052 MW 12:40PM - 2:05PM Viermes SCI 140
MW 2:15PM - 5:25PM Viermes SCI 260
76786 MW 5:35PM - 8:45PM Viermes SCI 260 ONLINE Viermes

CHM 030A Fundamentals of Chemistry (3.0 Lecture/1.0 Lab)
Prerequisite: MAT 903 or Prerequisite: MAT 903M or any higher math Chemistry 060 is a one-semester survey of General, Organic, and Biological Chemistry designed for students majoring in health sciences such as nursing or physical therapy. Transfer: CSU/UC
75050 MW 10:55AM - 12:20PM Shea SCI 140
F 10:55AM - 2:05PM Shea SCI 280
75051 MW 2:15PM - 3:40PM Shea SCI 140
W 3:50PM - 7:00PM Shea SCI 280
75058 F 2:15PM - 5:25PM Shea SCI 280 ONLINE Shea
NOTE: 3.4 weekly online hours. The lecture portion of this course meets online using internet resources and the lab portion meets in person every Friday 2:15PM-5:25PM in Room SCI-260. The orientation for this course is on 8/31/2018 at 2:15PM in Room SCI-120. Three on-campus exams are scheduled on 9/21/2018 from 5:30pm-6:30pm in Room SCI-120, 10/19/2018 from 5:30pm-6:30pm in Room SCI-120, and 11/16/2018 from 5:30pm-6:30pm in Room SCI-120. The final exam is 12/14/18 from 2:00PM-4:00PM in Room SCI-120. For more information, contact Catherine Shea at catherine.shea@missioncollege.edu.

CHM 060 Survey of General, Organic, and Biological Chemistry (3.0 Lecture/1.0 Lab)
Prerequisite: MAT 903 or Prerequisite: MAT 903M or any higher math Chemistry 060 is a one-semester survey of General, Organic, and Biological Chemistry designed for students majoring in health sciences such as nursing or physical therapy. Transfer: CSU/UC
76667 TR 5:25PM - 6:50PM Schewppe SCI 120
T 7:00PM - 10:10PM Schewppe SCI 280

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
75292 M 9:20AM - 12:30PM Nguyen-Vu CDC 45
76637 R 6:30PM - 9:40PM Staff CDC 25
75313 ONLINE Staff
NOTE: 54 contact hours. This is an online course. Students must have access to the internet and be familiar with the CANVAS learning system. Please contact the instructor for more information at jamie.smith@missioncollege.edu.

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 children with differing abilities are explored. Interactions among the child, family, school, peers, media and community are discussed. Transfer: CSU/UC
76339 M 6:30PM - 9:40PM Staff GC 308
75294 TR 10:55AM - 12:20PM Staff GC 308
75295 T 6:30PM - 9:40PM Nguyen-Vu CDC 45

CHD 004 Cognitive Experiences for Children (3.0 Lecture)
Will examine theories of cognitive development through research review and observation. Students will use information to plan curriculum. Transfer: CSU
75308 R 9:20AM - 12:30PM Nguyen-Vu CDC 45
### CHD 008A Practicum A  (1.5 Lecture/2.0 Lab)
Prerequisite: CHD 001 and Prerequisite: CHD 002 and Prerequisite: CHD 010 and Prerequisite: CHD 015 and Prerequisite: CHD 026 This course gives students the opportunity to interact with children and demonstrate developmentally appropriate early childhood teaching competencies. Students work under the supervision of a practicum supervisor at the Mission College Child Development Center. Transfer: CSU

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75296</td>
<td>M</td>
<td>4:50PM - 6:20PM</td>
<td>Wylde GC 326</td>
</tr>
<tr>
<td>TBA</td>
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<td>Wylde CDC 45</td>
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</tbody>
</table>

NOTE: 7 scheduled weekly hours to be completed at the Mission College CDC. All students enrolled must attend a mandatory orientation meeting on Saturday 8/25 from 10:00 a.m. to 12:00 p.m. in CDC-45. Students must have a current TB (Tuberculosis) clearance, proof of MMR and Tdap. Please see your physician for current immunizations. The instructor will contact students during the month of August to schedule lab hours. Lab hours begin the first week of school.

### 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>
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<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75297</td>
<td>W</td>
<td>6:30PM - 9:40PM</td>
<td>Nguyen-Vu CDC 45</td>
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<tr>
<td>75298</td>
<td>ONLINE</td>
<td></td>
<td>Weiberg</td>
</tr>
</tbody>
</table>

NOTE: 54 contact hours. This is an online course. Students must have access to the Internet and be familiar with the CANVAS learning system.

### CHD 013 Teaching in a Diverse Society  (3.0 Lecture)
Prerequisite: CHD 001 This course is an examination of the development of social identities and the processes involved. Students explore how these processes impact work with young children and their families while exploring classroom strategies to support all children. Transfer: CSU

<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75299</td>
<td>M</td>
<td>6:30PM - 9:40PM</td>
<td>Wylde GC 326</td>
</tr>
<tr>
<td>76678</td>
<td>R</td>
<td>9:20AM - 12:30PM</td>
<td>Wylde CDC 45</td>
</tr>
</tbody>
</table>

### CHD 014 Art and Creative Development of Young Children  (3.0 Lecture)
Students examine theories of artistic development and learning how creativity effects the child’s overall development. Students will design developmentally appropriate lesson plans focusing on creative expression. Observation of children will be required. Transfer: CSU

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<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75300</td>
<td>T</td>
<td>6:30PM - 9:40PM</td>
<td>Wylde CDC 45</td>
</tr>
</tbody>
</table>

### CHD 015 Observation and Assessment of Children  (3.0 Lecture)
Prerequisite: CHD 001 Prerequisite: CHD 002 This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning in order to join with families and professionals in promoting children’s success. Transfer: CSU

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<th>Course Code</th>
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<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75301</td>
<td>M</td>
<td>6:30PM - 9:40PM</td>
<td>Staff GC 116</td>
</tr>
<tr>
<td>76679</td>
<td>W</td>
<td>9:20AM - 12:30PM</td>
<td>Weiberg CDC 45</td>
</tr>
</tbody>
</table>

### CHD 016 Infant and Toddler Development  (3.0 Lecture)
Advisory: CHD 001 This course provides students with an in-depth study of the child from years 0-3. It meets the Infant/Toddler State licensing requirement. Observation of children is required. Transfer: CSU

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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75302</td>
<td>T</td>
<td>9:20AM - 12:30PM</td>
<td>Nguyen-Vu CDC 45</td>
</tr>
</tbody>
</table>

### CHD 017 Child Health and Safety  (3.0 Lecture)
This course is designed to give students the skills needed to be able to identify children’s health problems. The course is designed for persons working with children in early childhood environments. Included in the course is the study of infectious diseases, preventative health practices, nutrition and health promotion. The course meets State AB 962 requirements. Transfer: CSU

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<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>75304</td>
<td>R</td>
<td>9:20AM - 12:20PM</td>
<td>Staff CDC 25</td>
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<tr>
<td>75303</td>
<td>ONLINE</td>
<td></td>
<td>Weiberg</td>
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</table>

NOTE: 54 contact hours. This is an online course. Students must have access to the Internet and be familiar with the CANVAS learning system. For further information please contact the instructor at camilla.weiberg@missioncollege.edu.

### CHD 020 The Child with Special Needs in the Community  (3.0 Lecture)
This course is designed for students who are considering a career or certificate in special education or who desire to work with children with special needs and their families. The course introduces atypical development, disabilities and the impact a child with disabilities has on families. An overview of special education law, identification and referral process, IFSP and IEP development, and community resources are explored. Ten hours of community observation are required. Transfer: CSU

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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75305</td>
<td>R</td>
<td>6:30PM - 9:40PM</td>
<td>Staff CDC 45</td>
</tr>
</tbody>
</table>

### CHD 024 Positive Guidance in Early Childhood Programs: Managing Challenging Behaviors  (3.0 Lecture)
This course assists students in learning positive guidance techniques to support children who are having challenging behaviors in early childhood programs. The course includes genetic, environmental, and cultural factors that impact the behavior of young children and practical strategies for intervention and prevention. Transfer: CSU

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75309</td>
<td>TR</td>
<td>10:55AM - 12:20PM</td>
<td>Staff GC 306</td>
</tr>
</tbody>
</table>

### CHD 026 Introduction to Curriculum  (3.0 Lecture)
Prerequisite: CHD 001 Advisory: CHD 002 This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 8. Transfer: CSU

<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75307</td>
<td>M</td>
<td>6:30PM - 9:40PM</td>
<td>Staff CDC 45</td>
</tr>
<tr>
<td>75306</td>
<td>T</td>
<td>9:20AM - 12:30PM</td>
<td>Staff CDC 45</td>
</tr>
</tbody>
</table>

### Communication Studies  (COM)

#### COM 001 Public Speaking  (3.0 Lecture)
Advisory: LIB 010 or LIB 010H. Prerequisite: ENG 908 or higher. This is a basic course in speech communication that emphasizes the fundamentals of informative and persuasive speaking presented extemporaneously. The theory and techniques that are stressed include: research, critical evaluation, reasoning, organization, style, and delivery; the role of the listener in oral communication; and understanding the audience-speaker relationship. Transfer: CSU/UC
### COM 012 Introduction to Intercultural Communication (3.0 Lecture)
This is an introductory course examining the effects of culture on interpersonal communication. Emphasis is given to the influence of culture upon the interpretation of the communication act and to the skills that improve intercultural communication. **Transfer: CSU/UC**

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75833</td>
<td>M</td>
<td>6:00PM - 9:10PM</td>
<td>Dewis</td>
<td>SEC 320</td>
</tr>
</tbody>
</table>

### COM 020 Argumentation and Debate (3.0 Lecture)
This is a basic course in rhetorical theory and practice. Students engage in argumentation and debate while learning the means of discovering and supporting intelligent decisions and adapting them to particular audiences. Attention is given to distinguishing fact from inference; presenting, analyzing and refuting propositions of fact, value, and policy; identifying and applying types and methods of reasoning; correct use and analysis of evidence, and the identification and analysis of fallacies. **Transfer: CSU/UC**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>75834</td>
<td>MW</td>
<td>12:40PM - 2:05PM</td>
<td>Lipman</td>
<td>SEC 316</td>
</tr>
</tbody>
</table>

### COM 020H Argumentation and Debate - Honors (3.0 Lecture)
This honors course provides an introduction to rhetorical theory and practice. Students engage in argumentation and debate while learning the means of discovering and supporting intelligent decisions and adapting them to particular audiences. Attention is given to distinguishing fact from inference; presenting, analyzing and refuting propositions of fact, value, and policy; identifying and applying types and methods of reasoning; correct use and analysis of evidence, and the identification and analysis of fallacies. Students cannot receive credit for both COM 020 and COM 020H. 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**

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>75835</td>
<td>TR</td>
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<td>Lipman</td>
<td>SEC 316</td>
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<tr>
<td>76794</td>
<td>TR</td>
<td>12:40PM - 2:05PM</td>
<td>Lipman</td>
<td>SEC 316</td>
</tr>
</tbody>
</table>

### COM 025 Mass Communication and Society (3.0 Lecture)
This course is a survey of the mass media, including the history of the development of each of the covered media and an examination of the impact of each on the institutions and individuals in our society. Theories of mass communications as they apply to each of the covered media are explored. Covered media include radio, television, magazines, newspapers, books, film, and the Internet. **Transfer: CSU/UC**

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75836</td>
<td>MW</td>
<td>9:20AM - 10:45AM</td>
<td>Hasan</td>
<td>SEC 320</td>
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</tbody>
</table>

### Computer Applications (CAP)

#### CAP 010A Learning the Keyboard (1.0 Lab)
Advisory: Eligibility for ENG 001A and REA 054. This course is designed for anyone who wants to learn the “touch” system of keyboarding on the computer. Proper techniques of keyboarding are emphasized to develop speed and accuracy. This course may be repeated one time. **Pass/No Pass Only.**

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>74975</td>
<td>M</td>
<td>2:30PM - 5:20PM</td>
<td>Golden</td>
<td>GC 202</td>
</tr>
<tr>
<td>75073</td>
<td>T</td>
<td>2:30PM - 5:20PM</td>
<td>Golden</td>
<td>GC 202</td>
</tr>
<tr>
<td>75076</td>
<td>F</td>
<td>9:20AM - 12:10PM</td>
<td>Ringel</td>
<td>GC 202</td>
</tr>
</tbody>
</table>

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

### 2018 Schedule of Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Type</th>
<th>Credits</th>
<th>Schedule</th>
<th>Instructor(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAP 010C</td>
<td><strong>Computer Keyboarding Speed and Accuracy</strong> (1.0 Lab)</td>
<td>Advisory: CAP 010A</td>
<td>This course provides students with practice on corrective drills to correct keyboarding technique and improve basic speed and accuracy. Pass/No Pass Only.</td>
<td>74977 M 2:30PM - 5:20PM</td>
<td>Golden, GC 202</td>
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<td></td>
<td>75074 T 2:30PM - 5:20PM</td>
<td>Golden, GC 202</td>
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<td></td>
<td></td>
<td>75077 F 9:20AM - 12:10PM</td>
<td>Ringel, GC 202</td>
<td></td>
</tr>
<tr>
<td>CAP 013</td>
<td><strong>Ten-Key Numeric Keypad</strong> (1.0 Lab)</td>
<td>This course develops entry-level vocational proficiency in the use of 10-key numeric keypad. Pass/No Pass Only.</td>
<td>74985 M 2:30PM - 5:20PM</td>
<td>Golden, GC 202</td>
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<td></td>
<td>75075 T 2:30PM - 5:20PM</td>
<td>Golden, GC 202</td>
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<td></td>
<td></td>
<td>75078 F 9:20AM - 12:10PM</td>
<td>Ringel, GC 202</td>
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</tr>
<tr>
<td>CAP 033A</td>
<td><strong>Word Processing - Course 1</strong> (3.0 Lecture)</td>
<td>This course teaches word processing applications using Microsoft Word. Students learn basic word processing features. Pass/No Pass Option.</td>
<td>75086 ONLINE</td>
<td>Golden</td>
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<td>NOTE: 3.4 online weekly hours. This course is an online class. Additional help can be obtained in the lab GC 202. Please attend the orientation meeting on Monday, Aug. 27 from 6:00 to 7:00 pm in room GC 205. Contact the instructor if you cannot attend the orientation meeting at (408) 855-5341 or by email at <a href="mailto:judie.delfrate@missioncollege.edu">judie.delfrate@missioncollege.edu</a>.</td>
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</tr>
<tr>
<td>CAP 045A</td>
<td><strong>Introductory Microsoft Project</strong> (1.0 Lecture)</td>
<td>Students learn how to use Microsoft Project to plan, manage, monitor and analyze the progress of a project. Pass/No Pass Option.</td>
<td>75087 ONLINE</td>
<td>Budak</td>
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<td>NOTE: 3.3 online weekly hours. This course is an online class. Please attend the orientation meeting on Wednesday, August 29 from 5:30 to 6:30 PM in room GC 205. Contact the instructor if you have any questions at <a href="mailto:pat.hudak@missioncollege.edu">pat.hudak@missioncollege.edu</a>.</td>
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<tr>
<td>CAP 045B</td>
<td><strong>Intermediate Microsoft Project</strong> (2.0 Lecture)</td>
<td>Students expand their knowledge of Microsoft Project to plan, manage, monitor and analyze the progress of a project. Pass/No Pass Option.</td>
<td>75088 ONLINE</td>
<td>Budak</td>
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<td>NOTE: 3.3 online weekly hours. This course is an online class. Please view the orientation video in CANVAS by 10/10. Contact the instructor if you have any questions at <a href="mailto:pat.hudak@missioncollege.edu">pat.hudak@missioncollege.edu</a>.</td>
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</tr>
<tr>
<td>CAP 046D</td>
<td><strong>Introduction to Microsoft Powerpoint</strong> (1.0 Lecture)</td>
<td>Advisory: CAP 010A</td>
<td>Students learn the basic features of PowerPoint. Students learn how to create presentations and how to format them. Pass/No Pass Option.</td>
<td>75089 ONLINE</td>
<td>Golden</td>
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<td>NOTE: 3.3 online weekly hours. This course is an online class. Please attend the orientation meeting on Wednesday, August 29 from 6:00 to 7:00 pm in room GC 326. Contact the instructor if you cannot attend the orientation meeting at (408) 855-5341 or by email at <a href="mailto:judie.delfrate@missioncollege.edu">judie.delfrate@missioncollege.edu</a>.</td>
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<tr>
<td>CAP 046E</td>
<td><strong>Intermediate Microsoft Powerpoint</strong> (1.0 Lecture)</td>
<td>Students learn the advanced features of PowerPoint. They integrate MS Word and Excel with PowerPoint. Students create a presentation for use as a Web Page and customize a slide show. Pass/No Pass Option.</td>
<td>75090 ONLINE</td>
<td>Golden</td>
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<td>NOTE: 3.3 online weekly hours. This course is an online class. The instructor will contact you via email prior to the course starting. Contact the instructor if you have questions at (408) 855-5341 or by email at <a href="mailto:judie.delfrate@missioncollege.edu">judie.delfrate@missioncollege.edu</a>.</td>
<td></td>
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<tr>
<td>CAP 062B</td>
<td><strong>An Introduction to Microsoft Excel</strong> (1.0 Lecture)</td>
<td>Advisory: CAP 070. This course is an introduction to Microsoft Excel. Topics covered include entering and editing worksheet information, formatting and printing worksheets, creating charts, and using functions. This course is designed for students who are computer literate. Pass/No Pass Option.</td>
<td>75165 T 6:30PM - 9:40PM</td>
<td>Hudak, GC 205</td>
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<td>NOTE: 3.3 online weekly hours. This course is an online class. Please attend the orientation on Tuesday, August 28 from 5:30 pm to 6:30 pm in room GC-208. Contact the instructor if you have any questions at <a href="mailto:pat.hudak@missioncollege.edu">pat.hudak@missioncollege.edu</a>.</td>
<td>8/28 - 10/7</td>
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</tr>
<tr>
<td>CAP 063B</td>
<td><strong>Intermediate Microsoft Excel</strong> (2.0 Lecture)</td>
<td>Advisory: CAP 062B. This course is the second in a series of Excel courses designed to help students learn Excel features that are used in business decisions. They apply What-IF Analysis such as scenario tables, goal seek, and solver. Students also use advanced functions such as VLOOKUP, NESTEDIF’s, Pivot tables and Pivot charts, macros and more. This course is designed for students who are computer literate and have a previous working knowledge of Excel formulas, functions, and charts. Pass/No Pass Option.</td>
<td>75168 T 6:30PM - 9:40PM</td>
<td>Hudak, GC 205</td>
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<td>NOTE: 3.3 online weekly hours. This course is an online class. Please view the orientation video in CANVAS by 10/9. Contact the instructor at <a href="mailto:pat.hudak@missioncollege.edu">pat.hudak@missioncollege.edu</a> if you have any questions.</td>
<td>10/9 - 12/15</td>
<td></td>
</tr>
<tr>
<td>CAP 081B</td>
<td><strong>Introduction to Microsoft Access</strong> (1.0 Lecture)</td>
<td>Advisory: CAP 010A and CAP 070. Learn to create database tables and enter data, organize, and retrieve data from the tables. Create simple forms to enter data into a database and format reports from the data in the database. This course is for students who are computer literate and who would like to start working with a database. Pass/No Pass Option.</td>
<td>75171 ONLINE</td>
<td>Hudak</td>
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<td>NOTE: 3.3 online weekly hours. This course is an online class. Please view the orientation video in CANVAS by 9/12. Contact the instructor at <a href="mailto:pat.hudak@missioncollege.edu">pat.hudak@missioncollege.edu</a> for more details.</td>
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<tr>
<td>CAP 092B</td>
<td><strong>Google Apps for Personal Productivity</strong> (2.0 Lecture)</td>
<td>This course introduces students to Google Drive and Google applications. Students learn to use Gmail, Google Calendar, Document, Spreadsheet, Chrome, and Presenter to achieve personal and professional productivity goals. Students also</td>
<td>75188 ONLINE</td>
<td>Hudak</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.
identify opportunities to utilize Google apps to communicate and collaborate within a virtual-social network. Pass/No Pass Option. Transfer: CSU

75148  ONLINE  Pembrook
NOTE: 3.3 online weekly hours. This course is an online class. Online orientation available in CANVAS by the first day of class. Please contact the instructor at curtis.pembrook@missioncollege.edu for more details.

CAP 097A  Creating Web Pages - Course 1  (1.0 Lecture)
Advisory: CAP 010A. Take the first step in creating a web page for personal and business use. Students acquire basic HTML formatting commands and learn to add color, graphics, lists, and tables to their website. The final project is the creation and publication of a personal or business web page using HTML and/or content management systems. Pass/No Pass Option. Transfer: CSU

76011  ONLINE  Pembrook
NOTE: 3.3 online weekly hours. This course is an online class. Online orientation available in CANVAS by the first day of class. Please contact the instructor at curtis.pembrook@missioncollege.edu for more details.

Computer Information System (CIS)

CIS 001  Introduction to Computer Science and Technology  (3.0 Lecture/1.0 Lab)
This course is an introduction to the concepts of computer science and information technology. It covers computer architecture, the Internet and networking, and basic programming and data manipulation. Students develop a practical, realistic understanding of computer science and information technology. This course is recommended for students in any major who want to learn about computers and programming. Pass/No Pass Option. Transfer: CSU

76677  R  6:30PM - 9:40PM Mortezaie GC 219
ONLINE  Mortezaie
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly faramarz.mortezaie@missioncollege.edu.

CIS 007  Python Programming  (3.0 Lecture/1.0 Lab)
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. Transfer: CSU/UC

75247  M  6:30PM - 9:40PM Mmeinneh GC 204
ONLINE  El Kaissi
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly maher.mmeinneh@missioncollege.edu.

CIS 008  Advanced Python Programming  (3.0 Lecture/1.0 Lab)
This is an advanced course in Python programming that covers features of the language and its libraries. Students learn about parallel programming using threads and processes, network programming (client-side and server-side), database programming and persistence, text processing and regular expressions, and HTML and XML parsing. Pass/No Pass Option. Transfer: CSU/UC

76018  T  6:30PM - 9:40PM Akhoirshida GC 305
ONLINE  Akhoirshida
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly mohammed.akhoirshida@missioncollege.edu.

CIS 033  Robotics and Embedded System  (3.0 Lecture/1.0 Lab)
Advisory: CIS 037A and CIS 039 This course is an introduction to microcontrollers and interfacing. It covers the basic hardware components such as LEDs, switches, motors and sensors needed to build a robot and introduces the components needed for the drone hardware. In addition it includes programming of the microcontroller. Pass/No Pass Option. Transfer: CSU

76674  T  6:30PM - 9:40PM Mortezaie GC 219
ONLINE  Mortezaie
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly faramarz.mortezaie@missioncollege.edu.

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

75249  M  10:55AM - 1:05PM Staff GC 204
W  10:55AM - 1:05PM Staff GC 204
75250  W  6:30PM - 9:40PM Sabherwal GC 202
ONLINE  Sabherwal
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly saroj.sabherwal@missioncollege.edu.
CIS 039  **Introduction to Computer Systems (2.5 Lecture/0.5 Lab)**
This course provides a solid introduction to computer systems and machine language programming. Students learn the inner working of computer systems, instruction sets, assembly language programming, and data representation. Students also learn how to understand the code that a compiler generates, the memory layout and hierarchy, and the details of linking and loading. Pass/No Pass Option. **Transfer:** CSU/UC

75246  F  1:00PM - 3:30PM  Mortezaie  GC 219
F  3:40PM - 5:00PM  Mortezaie  GC 219

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

75251  M  6:30PM - 9:40PM  Gheorghiu  MT 22
W  6:30PM - 9:40PM  Gheorghiu  MT 22

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

75254  M  10:55AM - 2:05PM  Sun  GC 208
W  10:55AM - 2:05PM  Sun  GC 208

75256  T  6:30PM - 9:40PM  Sun  GC 202  **ONLINE**
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly helen.sun@missioncollege.edu.

CIS 044  **Intro to Data Structures Using Java (3.0 Lecture/1.0 Lab)**
This course is an advanced course in Java Programming Language. It covers basic data structures such as stacks, lists, dynamic arrays, trees, and the algorithms of their implementation. Pass/No Pass Option. **Transfer:** CSU/UC

75272  T  10:55AM - 2:05PM  Mortezaie  GC 208
R  10:55AM - 2:05PM  Mortezaie  GC 208

75262  S  9:00AM - 12:10PM  Mnieimneh  GC 208  **ONLINE**
Mnieimneh  **HYBRID**
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly maher.faramarz.mortezaie@missioncollege.edu. **8/25 - 12/15**

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

75275  TR  6:30PM - 9:00PM  Abu-Zaina  MT 22  **ONLINE**  Abu-Zaina
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly faramarz.mortezaie@missioncollege.edu.

CIS 046  **Linux Essentials II (Shell Programming) (2.5 Lecture/0.5 Lab)**
This course builds upon CIS 045, Linux Essentials I, to cover shell and scripting in depth. Students learn to program in Bourne Again Shell, including variables, expressions, control structure, files and subroutines. This course also includes networking, internet and Perl scripting. Pass/No Pass Option. **Transfer:** CSU

75276  TR  6:30PM - 9:00PM  Abu-Zaina  MT 22  **ONLINE**  Abu-Zaina
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly faramarz.mortezaie@missioncollege.edu.

CIS 047  **Linux System Administration I (3.0 Lecture/1.0 Lab)**
This is an introductory course in Linux system administration. Students learn hands-on skills for Linux administration, including system initialization, file system management, user and services administration and network configuration. Pass/No Pass Option. **Transfer:** CSU

75277  S  9:00AM - 12:10PM  Campbell  MT 22
S  12:20PM - 3:30PM  Campbell  MT 22

CIS 048  **Software Engineering (3.0 Lecture/1.0 Lab)**
This course is an introduction to software engineering concepts and methodology. Introduction to software life cycle, agile methodology, requirements engineering, use cases and scenarios, object-oriented principles, software quality assurance, and software project management. **Transfer:** CSU

CIS 049  **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

75290  MW  6:30PM - 9:00PM  Magid  GC 219  **ONLINE**  Magid  **HYBRID**
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly samir.magid@missioncollege.edu. **8/27 - 10/17**

CIS 056  **Database Essentials - PL/SQL (2.5 Lecture/0.5 Lab)**
Advisory: CIS 055 This course is an introduction to database programming and management. It builds upon the basic database and SQL course to cover stored procedures, functions, packages, and database triggers. Pass/No Pass Option. **Transfer:** CSU

76591  MW  6:30PM - 9:00PM  Magid  GC 219  **ONLINE**  Magid  **HYBRID**
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly faramarz.mortezaie@missioncollege.edu. **10/22 - 12/12**
## Online Fall Classes

**CIS 063** Mobile Apps Programming - Android (3.0 Lecture/1.0 Lab)
This course is an introduction to programming applications for the Android operating system. Students learn to develop simple to more advanced applications using the latest Java technologies and the Android SDK. Pass/No Pass Option. **Transfer: CSU**

<table>
<thead>
<tr>
<th>Code</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75278</td>
<td>F</td>
<td>6:30PM - 9:40PM</td>
<td>Krishnamurthy</td>
<td>GC 219</td>
</tr>
</tbody>
</table>

NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly lalitha.krishnamurthy@missioncollege.edu.

**CIS 086** Web Development with PHP and MySQL (2.0 Lecture/1.0 Lab)
Advisory: CA 097A and Advisory: CIS 007 This is an introductory course on web server side programming using PHP and MySQL. This course includes basic PHP programming elements, MySQL database basics and how to create a database driven web application using PHP and MySQL. Pass/No Pass Option. **Transfer: CSU**

<table>
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<tr>
<th>Code</th>
<th>Day</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>75279</td>
<td>S</td>
<td>9:00AM - 12:10PM</td>
<td>Brautigam</td>
<td>GC 202</td>
</tr>
</tbody>
</table>

NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly mark.brautigam@missioncollege.edu.

### Computer Information System (CIT)

#### CIT 011 Introduction to Computer Hardware and Software (A+) (3.0 Lecture/1.0 Lab)
Advisory: MAT 903. This course covers the fundamentals of computer hardware and software and advanced concepts such as security, networking, mobile devices such as tablets and smartphones, client side virtualization, and the responsibilities of an IT professional. It helps students prepare for entry-level career opportunities in ICT and for the CompTIA A+ certification. It also provides a learning pathway to Cisco CCNA. Pass/No Pass Option. **Transfer: CSU**

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<tr>
<th>Code</th>
<th>Day</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>75280</td>
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<td>9:00AM - 12:10PM</td>
<td>Thompson</td>
<td>MT 24</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>12:30PM - 3:40PM</td>
<td>Thompson</td>
<td>MT 23</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>12:30PM - 3:40PM</td>
<td>Thompson</td>
<td>MT 24</td>
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</table>

#### 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**

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<tr>
<th>Code</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>75285</td>
<td>ONLINE</td>
<td>Offline</td>
<td>Abdeljabbar</td>
<td>Staff</td>
</tr>
</tbody>
</table>

**CIT 016** CyberSecurity and Ethical Hacking (3.0 Lecture/1.0 Lab)
This course is an introduction to IT security and ethical hacking using the latest operating systems, security techniques, and wireless standards. It also covers the fundamentals of system security, network infrastructure, access control, assessments and audits, cryptography, and organizational security. Students gain hands-on experience with various ethical hacking methods and techniques. Pass/No Pass Option. **Transfer: CSU**

<table>
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<tr>
<th>Code</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75291</td>
<td>F</td>
<td>6:30PM - 9:40PM</td>
<td>Pandit</td>
<td>GC 305</td>
</tr>
</tbody>
</table>

#### 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 models of the Internet and other computer networks. Pass/No Pass Option. **Transfer: CSU**

<table>
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<tr>
<th>Code</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
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<tr>
<td>75282</td>
<td>ONLINE</td>
<td>Offline</td>
<td>Abdeljabbar</td>
<td>Staff</td>
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</tbody>
</table>

#### 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**

<table>
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<th>Code</th>
<th>Day</th>
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<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>75284</td>
<td>ONLINE</td>
<td>Offline</td>
<td>Staff</td>
<td>GC 208</td>
</tr>
</tbody>
</table>

**CIT 023** IT Security Fundamentals (3.0 Lecture/1.0 Lab)
This course is an introduction to IT security and ethical hacking using the latest operating systems, security techniques, and wireless standards. It also covers the fundamentals of system security, network infrastructure, access control, assessments and audits, cryptography, and organizational security. Students gain hands-on experience with various ethical hacking methods and techniques. Pass/No Pass Option. **Transfer: CSU**

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<th>Code</th>
<th>Day</th>
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<th>Instructor</th>
<th>Location</th>
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<tr>
<td>75283</td>
<td>ONLINE</td>
<td>Offline</td>
<td>Abdeljabbar</td>
<td>Staff</td>
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</tbody>
</table>

**CIT 024** Database Administration (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 models of the Internet and other computer networks. Pass/No Pass Option. **Transfer: CSU**

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<tr>
<th>Code</th>
<th>Day</th>
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<th>Instructor</th>
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<td>75285</td>
<td>ONLINE</td>
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<td>Abdeljabbar</td>
<td>Staff</td>
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</tbody>
</table>
## FALL SESSION COURSES

### 2018 Schedule of Classes

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>76346</td>
<td>F</td>
<td>9:00AM - 1:15PM</td>
<td>Lawhead</td>
<td>GC 303</td>
<td></td>
</tr>
<tr>
<td>76628</td>
<td>S</td>
<td>8:30AM - 12:45PM</td>
<td>Yang</td>
<td>SEC 305</td>
<td>NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly at <a href="mailto:david.yang@missioncollege.edu">david.yang@missioncollege.edu</a>.</td>
</tr>
<tr>
<td>76625</td>
<td>ONLINE</td>
<td>Coleman</td>
<td></td>
<td></td>
<td>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 <a href="mailto:yolanda.comelan@missioncollege.edu">yolanda.comelan@missioncollege.edu</a>.</td>
</tr>
<tr>
<td>74423</td>
<td>ONLINE</td>
<td>Park</td>
<td></td>
<td></td>
<td>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 <a href="mailto:gaozong.park@missioncollege.edu">gaozong.park@missioncollege.edu</a>.</td>
</tr>
<tr>
<td>74441</td>
<td>ONLINE</td>
<td>Cameron</td>
<td></td>
<td></td>
<td>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 <a href="mailto:melodie.cameron@missioncollege.edu">melodie.cameron@missioncollege.edu</a>.</td>
</tr>
<tr>
<td>76628</td>
<td>S</td>
<td>8:30AM - 12:45PM</td>
<td>Staff</td>
<td>GC 107</td>
<td></td>
</tr>
<tr>
<td>74478</td>
<td>TR</td>
<td>12:40PM - 2:05PM</td>
<td>Chavez</td>
<td>SEC 322</td>
<td>NOTE: This course is part of the Puente Program, a learning community that links with English 908/1A which references Chicana/o/Latina/o culture. This is part of a two-semester required program for students who intend to transfer to a four-year university. This program is open to students of all backgrounds and students must begin the program in the fall semester. Interested students must agree to all program requirements and sign an agreement. A co-requisite English course is required. For further information, contact the Puente Counselor – Nohemy Chavez at 408-855-5385 or at <a href="mailto:Nohemy.chavez@missioncollege.edu">Nohemy.chavez@missioncollege.edu</a>.</td>
</tr>
<tr>
<td>74482</td>
<td>MW</td>
<td>10:55AM - 12:20PM</td>
<td>Martinez</td>
<td>SEC 311</td>
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</tr>
<tr>
<td>74478</td>
<td>TR</td>
<td>12:40PM - 2:05PM</td>
<td>Chavez</td>
<td>SEC 322</td>
<td>NOTE: This course is part of the Puente Program, a learning community that links with English 908/1A which references Chicana/o/Latina/o culture. This is part of a two-semester required program for students who intend to transfer to a four-year university. This program is open to students of all backgrounds and students must begin the program in the fall semester. Interested students must agree to all program requirements and sign an agreement. A co-requisite English course is required. For further information, contact the Puente Counselor – Nohemy Chavez at 408-855-5385 or at <a href="mailto:Nohemy.chavez@missioncollege.edu">Nohemy.chavez@missioncollege.edu</a>.</td>
</tr>
<tr>
<td>76096</td>
<td>T</td>
<td>3:45PM - 7:00PM</td>
<td>Staff</td>
<td>WCOX WILCOX</td>
<td>NOTE: This section meets OFF CAMPUS at Wilcox High School, 3250 Monroe Street in Santa Clara, but is open to all students.</td>
</tr>
<tr>
<td>76512</td>
<td>R</td>
<td>3:45PM - 7:00PM</td>
<td>Staff</td>
<td>OFF</td>
<td>NOTE: This section meets OFF CAMPUS at Santa Clara High School, 3000 Benton Street in Santa Clara, but is open to all students.</td>
</tr>
</tbody>
</table>

### Counseling (COU)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>76351</td>
<td>T</td>
<td>5:30PM - 9:45PM</td>
<td>Staff</td>
<td>SEC 305</td>
<td>8/14 - 8/21</td>
</tr>
<tr>
<td>74418</td>
<td>W</td>
<td>8:30AM - 12:45PM</td>
<td>Staff</td>
<td>SEC 305</td>
<td>8/1 - 8/6</td>
</tr>
<tr>
<td>74450</td>
<td>R</td>
<td>5:30PM - 9:45PM</td>
<td>Hittleman</td>
<td>SEC 305</td>
<td>8/2 - 8/9</td>
</tr>
<tr>
<td>74431</td>
<td>F</td>
<td>8:30AM - 12:45PM</td>
<td>Hand</td>
<td>SEC 309</td>
<td>9/21 - 9/28</td>
</tr>
</tbody>
</table>

**ONLINE FALL 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 FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. If you have any questions, please contact the instructor directly at thuy.trang@missioncollege.edu.

COU 007 University Transfer Planning (1.0 Lecture)
This course provides in-depth information and assistance with the transfer process to 4-year colleges/universities. Pass/No Pass Option. Transfer: CSU/UC 9/17 - 10/26

COU 007H University Transfer Planning - Honors (1.0 Lecture)
This honors course provides in-depth information and assistance with the transfer process to 4-year colleges/universities. Students cannot get credit for both COU 007 and COU 007H. 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 9/17 - 10/26

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 10/15 - 12/15

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 10/15 - 11/15

COU 055 Valuing Diversity (3.0 Lecture)
This is a theoretically based course which examines and explores students' multicultural awareness, knowledge base and practices and which allows them to develop new skills. The course addresses the complexities of interpersonal relationships among and between several cultures and ethnic groups within our society. Students examine cultural perceptions, while exploring self-concepts, values, beliefs, communication styles, religion, gender, ageism, and lifestyles in order to promote respect for differences and develop a sense of community. Pass/No Pass Option. Transfer: CSU 9/10 - 12/15

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 10/15 - 11/15

COU 012A Careers & Life Styles (1.0 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. Pass/No Pass Option. Transfer: CSU 10/15 - 12/15

2018 Schedule of Classes
### Online Fall Classes

At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. For the latest class schedule information, 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.

### Fall Session Courses

#### 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**

76549 TR 10:55AM - 12:20PM Kim GC 219 **ONLINE** Kim

NOTE: This course consists of a 3 units face-to-face lecture and 1 unit online lab. To add this class on or after the first day of instruction, students must contact the instructor at michelle.kim@missioncollege.edu.

76211 ONLINE Kim

76212 ONLINE Sobala

#### ECN 006 The Global Economy (3.0 Lecture)

This course is an examination of the basic principles of international economics and the relationships between nations and their economic policies. Topics to be covered include the pros and cons of economic globalization, the WTO and IMF, debt relief, outsourcing of jobs, multinational corporations and sweat shops, capital flows, and free trade versus fair trade. Pass/No Pass Option.

75428 ONLINE Demiray

NOTE: This course is delivered completely online: it consists of a 3 units online lecture and 1 unit online lab. On August 25, 2018 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 joanna.sobala@missioncollege.edu.

#### EGR 023 Mechanics - Statics (3.0 Lecture)

Prerequisite: MAT 003B or any higher level math, and Prerequisite: PHY 004A This course applies the principles of mechanics to evaluate the static equilibrium of two- and three-dimensional engineering structures. **Transfer: CSU/UC**

75376 MW 2:15PM - 3:40PM Staff SEC 204

#### EGR 024 Introduction to Circuit Analysis (3.0 Lecture)

Prerequisite: MAT 003B, Prerequisite: PHY 004B Advisory: MAT 004A This is an introductory course in the analysis of DC and AC electric circuits using techniques based on Kirchoff's laws, Ohm's law, and thevenin's and Norton's Theorems. **Transfer: CSU/UC**

76668 TR 2:15PM - 3:40PM Zheng GC 221

#### EGR 025 Engineering Graphics and Design (3.0 Lecture/1.0 Lab)

Prerequisite: MAT 000D; or Prerequisite: MAT 002; or Prerequisite: MAT 003A; or Prerequisite: MAT 003AH Engineering graphics based on conceptual sketching and computer aided design (CAD) are used to develop visualization tools for design. Graphics principles are taught and integrated into the design projects. **Transfer: CSU/UC**

#### EGR 030 Introduction to Computing for Engineers (3.0 Lecture/1.0 Lab)

Advisory: Eligibility for ENG 001A and REA 054, CIS 002, MAT 003A. This course introduces students to engineering problem solving using computer programming. A high level language, such as C/C++, is used. Pass/No Pass Option. **Transfer: CSU/UC**

#### 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**

75446 MW 10:55AM - 12:20PM Gard MT 3
75435 MW 9:20AM - 10:45AM Morton-Starner SEC 203
75436 MW 10:55AM - 12:20PM Morton-Starner SEC 203
75468 MW 9:20AM - 10:45AM Cudahy SEC 205
75439 MW 12:40PM - 2:05PM Varbel SEC 203
75464 M 6:30PM - 9:40PM Varbel SEC 203
75463 TR 9:20AM - 10:45AM McGee SEC 203
75465 TR 9:20AM - 10:45AM Lang SEC 205
75440 TR 10:55AM - 12:20PM Shank SEC 203
75442 TR 10:55AM - 12:20PM McGee MT 21
75434 TR 7:45AM - 9:10AM Shank SEC 203
75441 TR 12:40PM - 2:05PM Shank SEC 203
75444 W 6:30PM - 9:40PM Valter SEC 203
ONLINE FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com. Transfer: CSU/UC

MISSION COLLEGE FALL SESSION COURSES 2018 Schedule of Classes

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

ENG 001C Clear Thinking in Writing (3.0 Lecture)
Prerequisite: ENG 001A English 001C is an advanced composition course that emphasizes critical thinking, particularly in the reading and writing of arguments. Transfer: CSU/UC

ENG 007A American Literature to 1865 (3.0 Lecture)
Advisory: Eligibility for ENG-001a and REA-054. Prerequisite: ENG-908 or Qualifying score on the English placement test. This course covers major American writers from the Colonial period through 1865. It begins with William Bradford’s works and ends with the works of Walt Whitman. Pass/No Pass Option. Transfer: CSU/UC

ENG 015 Introduction to Film Analysis (3.0 Lecture)
Critical analysis of film as a literary art form is covered in this course. Pass/No Pass Option. Transfer: CSU/UC

ENG 043 Classical Mythology (3.0 Lecture)
Advisory: Eligibility for ENG-001a and REA-054. Prerequisite: ENG-908 or ENG 905AC: Classical Mythology is an examination of the major classical myths of Western heritage for an appreciation of their literary value and their influence on modern life and culture. Pass/No Pass Option. Transfer: CSU/UC

ENG 905AC Accelerated Essay Writing (6.0 Lecture)
Prerequisite: Qualifying score on the English Placement Test or Prerequisite: ESL 970GW and Prerequisite: ESL 970RV and Prerequisite: ESL 970LS; Concentration is on the writing and revision process, academic essays and introduction to research skills. The course qualifies students for English 001A. Pass/No Pass Option.

ONLINE FALL 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.
### ESL 930LC High Beginning Listening and Culture (3.0 Lecture)

This course provides guidance in and development of listening, reading, and writing skills for high-beginning students of the English language. Topics of American Culture are covered. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75582</td>
<td>ONLINE</td>
<td>Burton</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Students MUST ATTEND one orientation session and the final exam on campus. The orientation session is on Sept 7, 12:00pm to 3:00pm in SEC-233. The final exam is on Dec 14, 12:00pm to 3:00pm. For more information or to add after Sept 7, contact Britta.burton@missioncollege.edu.

### ESL 930LS High Beginning Listening and Speaking (3.0 Lecture/0.5 Lab)

Advisory: Concurrent enrollment in ESL 930GW and ESL 930RV. Prerequisite: ESL 920 or a qualifying score on the ESL placement test. In this course students receive guidance and extensive practice in listening and speaking at the word, phrase, and sentence level. Listening focuses on comprehension of verbal instructions, of vocabulary in context, and of ideas in sentences, monologs, and dialogs. Speaking focuses on the clear pronunciation of common words and phrases and the development of basic English pronunciation patterns of stress and intonation. This course includes one and a half hours of laboratory work weekly to facilitate skill development. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>75583</td>
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<td>10:55AM - 12:10PM</td>
<td>Akers-Martin</td>
<td>SEC 233</td>
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<tr>
<td>75584</td>
<td>MW</td>
<td>12:20PM - 1:15PM</td>
<td>Akers-Martin</td>
<td>SEC 240</td>
</tr>
<tr>
<td>75585</td>
<td>MW</td>
<td>4:30PM - 5:55PM</td>
<td>Akers-Martin</td>
<td>SEC 207</td>
</tr>
<tr>
<td>75586</td>
<td>MW</td>
<td>6:05PM - 6:50PM</td>
<td>Akers-Martin</td>
<td>SEC 233</td>
</tr>
<tr>
<td>75587</td>
<td>TR</td>
<td>8:25AM - 9:40AM</td>
<td>Winiecki</td>
<td>SEC 233</td>
</tr>
<tr>
<td>75588</td>
<td>TR</td>
<td>9:50AM - 10:45AM</td>
<td>Winiecki</td>
<td>SEC 315</td>
</tr>
</tbody>
</table>

### ESL 930PL Basic Pronunciation and Listening (3.0 Lecture)

This basic pronunciation course includes sound-spelling patterns, important vowel and consonant contrasts, syllables, word stress, and key intonation patterns. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75587</td>
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<td>9:20AM - 10:45AM</td>
<td>Burton</td>
<td>SEC 311</td>
</tr>
<tr>
<td>75588</td>
<td>W</td>
<td>9:20AM - 10:45AM</td>
<td>Burton</td>
<td>SEC 233</td>
</tr>
<tr>
<td>76683</td>
<td>T</td>
<td>5:25PM - 6:50PM</td>
<td>Seidel</td>
<td>SEC 207</td>
</tr>
<tr>
<td></td>
<td>R</td>
<td>5:25PM - 6:50PM</td>
<td>Seidel</td>
<td>SEC 233</td>
</tr>
</tbody>
</table>

### ESL 930RV High Beginning Reading and Vocabulary (3.0 Lecture/0.5 Lab)

Advisory: ESL 930GW. Prerequisite: Qualifying score on ESL placement test or Prerequisite: ESL 920 This course focuses on comprehension of simplified articles and stories in English. Students also increase their understanding of and ability to use high frequency vocabulary. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75589</td>
<td>MW</td>
<td>10:55AM - 12:20PM</td>
<td>Rosner</td>
<td>GC 303</td>
</tr>
<tr>
<td>75590</td>
<td>MW</td>
<td>12:30PM - 1:15PM</td>
<td>Rosner</td>
<td>GC 203</td>
</tr>
<tr>
<td>75588</td>
<td>MW</td>
<td>7:00PM - 8:25PM</td>
<td>Haven</td>
<td>MT 3</td>
</tr>
<tr>
<td>75591</td>
<td>MW</td>
<td>8:35PM - 9:20PM</td>
<td>Haven</td>
<td>MT 3</td>
</tr>
<tr>
<td>75590</td>
<td>TR</td>
<td>8:25AM - 9:50AM</td>
<td>Dellona</td>
<td>SEC 313</td>
</tr>
<tr>
<td>75589</td>
<td>TR</td>
<td>10:00AM - 10:45AM</td>
<td>Dellona</td>
<td>SEC 313</td>
</tr>
</tbody>
</table>

### English as Second Language (ESL)

#### ESL 930EC ESL for Child Care Part 1 (3.0 Lecture)

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.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>76017</td>
<td>MW</td>
<td>9:20AM - 10:45AM</td>
<td>Rosner</td>
<td>GC 204</td>
</tr>
</tbody>
</table>

#### ESL 930GW High Beginning Grammar and Writing (3.0 Lecture/0.5 Lab)

Develops basic writing and grammar skills of standard written English. Pass/No Pass Option.

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75579</td>
<td>MW</td>
<td>8:25AM - 9:50AM</td>
<td>Dwork Chambers</td>
<td>GC 203</td>
</tr>
<tr>
<td></td>
<td>MW</td>
<td>10:00AM - 10:45AM</td>
<td>Dwork Chambers</td>
<td>GC 203</td>
</tr>
<tr>
<td>75580</td>
<td>TR</td>
<td>10:55AM - 12:20PM</td>
<td>Glaser</td>
<td>MT 4</td>
</tr>
<tr>
<td></td>
<td>TR</td>
<td>12:30PM - 1:15PM</td>
<td>Glaser</td>
<td>MT 4</td>
</tr>
<tr>
<td>75581</td>
<td>TR</td>
<td>7:00PM - 8:25PM</td>
<td>Quiros</td>
<td>MT 23</td>
</tr>
<tr>
<td></td>
<td>TR</td>
<td>8:35PM - 9:15PM</td>
<td>Quiros</td>
<td>MT 23</td>
</tr>
</tbody>
</table>
ESL 940GW  Low Intermediate Grammar and Writing  
(3.0 Lecture)  
Advisory: Concurrent enrollment in ESL 940RV and ESL 940LS is recommended. Prerequisite: A qualifying score on the ESL placement test or Prerequisite: 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.  
75591 MW 10:55AM - 12:20PM Myint MT 9 
75592 MW 1:25PM - 3:00PM Haven MT 19 
75594 TR 10:55AM - 12:20PM Burton GC 203 
75593 TR 1:25PM - 3:00PM Venkatasawmy SEC 309 

ESL 940LC  Low Intermediate Listening and Culture  
(3.0 Lecture)  
Prerequisite: ESL 930LC and/or placement of 940 level on the ESL Placement Test. This distance learning course provides guidance in and development of listening and some writing skills for low-intermediate students of the English language. Topics of American culture are covered. Pass/No Pass Option.  
75595  

ESL 940LS  Low Intermediate Listening and Speaking  
(3.0 Lecture/0.5 Lab)  
Advisory: Concurrent enrollment in ESL 940GW and ESL 940RV. Prerequisite: ESL 930LS or a qualifying score on the ESL placement test. In this course, students practice oral instructions and questions, high-frequency vocabulary, conversations and short lectures. The course continues the development of basic English pronunciation of common words and phrases. Pass/No Pass Option.  
75596 MW 10:55AM - 12:20PM Dworak Chambers MT 4 
MW 12:30PM - 1:15PM Dworak Chambers MT 4 
75597 MW 7:00PM - 8:15PM Quiros SEC 207 
MW 8:20PM - 9:02PM Quiros SEC 233 
75599 TR 8:25AM - 9:40AM Burton SEC 216 
TR 9:50AM - 10:45AM Burton SEC 233 
75598 TR 10:55AM - 12:20PM Dworak Chambers MT 8 
TR 12:30PM - 1:15PM Dworak Chambers MT 8 

ESL 940RV  Low Intermediate Reading and Vocabulary  
(3.0 Lecture)  
Advisory: Concurrent enrollment in ESL 940GW and ESL 940LS is recommended. Prerequisite: A qualifying score on the ESL placement test or Prerequisite: ESL 930RV. This course focuses on vocabulary development and comprehension of short readings. Pass/No Pass Option.  
75613 MW 3:50PM - 5:15PM Castello MT 9 
75614 TR 9:20AM - 10:45AM Rosner GC 226 
76005 TR 5:25PM - 6:50PM Myint MT 5 

ESL 950EC  ESL for Child Development: Introduction  
(3.0 Lecture)  
Qualifying score (at the ESL 950 level) on the ESL placement test, or ESL 930EC and ESL 940EC. This intermediate course develops oral and written English language skills necessary to communicate about a child’s development. Students practice skills to introduce, objectively describe, and reflect on children’s actions, and their interests. Pass/No Pass Option.  
76105 W 6:20PM - 9:30PM Rosner OFF  
NOTE: This course is offered at Santa Clara Adult Education Center, 1840 Benton Street Room L2, Santa Clara, 95050. 

ESL 950GW  Intermediate Grammar and Writing  
(5.0 Lecture)  
Prerequisite: Qualifying score on the ESL placement test; or Prerequisite: ESL 940GW and Prerequisite: ESL 940RV. Advisory: ESL 940LS. This course increases student understanding and use of intermediate grammar structures and sentence patterns used in standard written and spoken English. Pass/No Pass Option.  
75616 MW 10:55AM - 1:25PM Myint SEC 315 
75617 MW 7:00PM - 9:30PM Glaser SEC 304 
75618 TR 10:55AM - 1:15PM Costanza MT 9 

ESL 950LS  Intermediate Listening and Speaking  
(3.0 Lecture)  
Prerequisite: ESL 940LS or a qualifying score on the ESL placement test. Advisory: Concurrent enrollment in ESL 950RW and ESL 950G. 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.  
75616 W 9:20AM - 10:45AM Couch MT 5 
75637 TR 10:55AM - 12:20PM Broeder MT 7 
75618 TR 3:50PM - 5:15PM Costanza MT 9 

ESL 950PL  Intermediate Pronunciation and Listening  
(3.0 Lecture/0.5 Lab)  
Prerequisite: ESL 940LS or a qualifying score on the ESL placement test. Advisory: ESL 930PL. Intermediate level students receive guidance and practice in the sound system of standard American English. This course emphasizes intelligible spoken communication. This course consists of two-thirds lecture and one-third lab work that facilitates skill development. Pass/No Pass Option.  
75619 MW 10:55AM - 12:10PM Burton SEC 233 
MW 12:20PM - 1:15PM Burton SEC 233 
75620 TR 7:00PM - 8:25PM Sanchez SEC 305 
TR 8:35PM - 9:20PM Sanchez SEC 233 

ESL 950RV  Intermediate Reading and Vocabulary  
(3.0 Lecture)  
Prerequisite: Qualifying score on the ESL placement test; or Prerequisite: ESL 940RV and Prerequisite: ESL 940GW. Advisory: ESL 940LS. This intermediate level course develops students’ reading skills through the study of a variety of fiction and nonfiction reading materials. The course focuses on reading skills such as comprehending main ideas and details in intermediate level readings, the acquisition and use of new vocabulary, and the strategies to understand and interpret content. Pass/No Pass Option.
ONLINE FALL 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.

ESL 960GW High Intermediate Grammar and Writing (5.0 Lecture)
Prerequisite: Qualifying score on the ESL Placement exam; or Prerequisite: ESL 950RW and Prerequisite: ESL 950G; or Prerequisite: ESL 950RV and Prerequisite: ESL 950GW. Advisory: ESL 950LS. This course develops students' knowledge of grammar at a high-intermediate level. The course focuses on comprehensible simple, compound, and complex sentences and various rhetorical styles in cohesive, well-organized, and grammatically correct paragraphs. Pass/No Pass Option.

75621 MW 10:55AM - 1:25PM Oneill MT 16
75642 TR 10:55AM - 1:25PM Oneill MT 19
76006 TR 7:00PM - 9:30PM Myint GC 221

ESL 960LS High Intermediate Listening and Speaking (3.0 Lecture)
Advisory: Concurrent enrollment in ESL 960G and ESL 960RW. Prerequisite: ESL 950LS or a qualifying score on the ESL placement test. This high intermediate course continues to develop students' oral communication skills in a variety of social, business and/or academic situations. Pass/No Pass Option.

75622 MW 9:20AM - 10:45AM Fiechter MT 7
75624 TR 9:20AM - 10:45AM Glaser MT 9
75623 TR 5:25PM - 6:50PM Costanza MT 9

ESL 960RV High Intermediate Reading and Vocabulary (3.0 Lecture)
Prerequisite: Qualifying score on the ESL placement test; or Prerequisite: ESL 950RW and Prerequisite: ESL 950G; or Prerequisite: ESL 950RV and Prerequisite: ESL 950GW. Advisory: ESL 950LS. Students learn to recognize main ideas and supporting details, distinguish between fact and opinion, infer meaning, and summarize texts. Academic vocabulary is developed. Pass/No Pass Option.

75625 MW 7:45AM - 9:10AM Couch MT 9
75641 MW 5:25PM - 6:50PM Castello MT 9
75640 TR 9:20AM - 10:45AM Couch MT 19

ESL 970AM Accent Modification (3.0 Lecture)
Advisory: ESL 960LS or a qualifying score on the ESL placement test. Prerequisite: ESL 950PL Advanced ESL speakers receive guided and extensive practice in refining oral pronunciation and listening skills. Pass/No Pass Option. 8/25 - 12/15

75626 S 9:20AM - 12:30PM Sanchez SEC 240

ESL 970GW Advanced ESL Composition and Grammar (5.0 Lecture)
Prerequisite: Qualifying score on the ESL placement test; or Prerequisite: ESL 960G and Prerequisite: ESL 960RW; or Prerequisite: ESL 960GW and Prerequisite: ESL 960RV. This course continues to develop paragraph skills attained in ESL 960RW and introduces the structure of the academic essay in standard written English. Students practice a variety of rhetorical styles and increase competency in controlling grammatical structures relevant to the advanced ESL student. Pass/No Pass Option.

75627 MW 10:55AM - 1:25PM Broeder MT 6
75628 TR 10:55AM - 1:25PM Rosner MT 5
75629 TR 7:00PM - 9:30PM Costanza MT 9

ESL 970LS Advanced Listening and Speaking (3.0 Lecture)
Prerequisite: Qualifying score on the ESL placement test; or Prerequisite: ESL 960RV and Prerequisite: ESL 970GW, or Prerequisite: ESL 960G and Prerequisite: ESL 960RW. Advisory: ESL 950LS. Students learn abstract inferencing, rhetorical styles, and summarizing and paraphrasing of various texts. Academic vocabulary is developed. Pass/No Pass Option.

76529 TR 7:45AM - 9:10AM Fiechter SEC 307
75615 MW 5:25PM - 6:50PM Oneill GC 221
75632 TR 9:20AM - 10:45AM Oneill MT 5

ESL 980 Effective Writing for Advanced ESL Students (4.0 Lecture)
Prerequisite: ESL 970LS or Corequisite: ESL 970LS; or Prerequisite: ESL 970RV and Prerequisite: ESL 970GW, or Prerequisite: ESL 970RW; or Prerequisite: Qualifying score on the ESL placement test. This course is for students whose native language is not English. Students write academic essays and a short research paper. Emphasis is on the writing process, academic essay writing, and introductory research skills. The course also provides intensive practice with the sentence patterns, grammatical structures, and academic vocabulary necessary to produce clear, accurate prose. Pass/No Pass Option.

75630 MW 10:55AM - 1:00PM Couch MT 21
75633 TR 7:00PM - 9:05PM Wiley MT 7

Non Credit English as a Second Language (NCE)

NCE 910A Foundations in ESL I (NONCREDIT)
This is a self-paced course to provide students with techniques and strategies for effective academic peer tutoring in a community college setting. Pass/No Pass Only.

75682 MW 9:20AM - 11:35AM Staff MT 10
NOTE: This is an open entry class. If space is available, students may try to add at any point in the semester by asking the class instructor for an add code. For questions about late adds, go to a class meeting or call 408-855-5092. Students must also enroll in NCE 910L CRN 75685.

76063 TR 9:20AM - 11:30AM Staff SEC 322
NOTE: This is an open entry class. If space is available, students may try to add at any point in the semester by asking the class instructor for an add code. For questions about late adds, go to a class meeting or call 408-855-5092. Students must also enroll in NCE 910L CRN 76064.

75683 TR 6:30PM - 8:40PM Staff SEC 322
NOTE: This is an open entry class. If space is available, students may try to add at any point in the semester by asking the class instructor for an add code. For questions about late adds, go to a class meeting or call 408-855-5092. Students must also enroll in NCE 910L CRN 75685.

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

**Non Credit Immigration Education (NCI)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCI 010</td>
<td>U.S. Citizenship Preparation (NONCREDIT)</td>
<td></td>
<td>In this course students learn the basics involved in American citizenship. Topics include a general survey of U.S. history, government, and civics, including culture, institutions, and ideals. The course also includes practice of the English oral/aural/literacy skills necessary to pass an oral and written citizenship exam.</td>
</tr>
</tbody>
</table>

**Fire Protection Technology (FPT)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPT 051</td>
<td>Fire Protection Organization (3.0 Lecture)</td>
<td></td>
<td>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 fireground strategy and tactics. Pass/No Pass Option. Transfer: CSU</td>
</tr>
<tr>
<td>FPT 052</td>
<td>Fire Behavior and Combustion (3.0 Lecture)</td>
<td></td>
<td>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</td>
</tr>
<tr>
<td>FPT 053</td>
<td>Fire Protection Equipment and Systems (3.0 Lecture)</td>
<td></td>
<td>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</td>
</tr>
<tr>
<td>FPT 054</td>
<td>Building Construction for Fire Protection (3.0 Lecture)</td>
<td></td>
<td>Advisory: MAT 903 Advisory: FPT 051 This course provides instruction regarding; theory and fundamentals of building construction; laws, regulations and standards; the Uniform Building Code requirements for fire safety in buildings; classification of buildings by occupancy; elements of building construction and design. Pass/No Pass Option. Transfer: CSU</td>
</tr>
<tr>
<td>FPT 055</td>
<td>Fire Prevention Technology (3.0 Lecture)</td>
<td></td>
<td>This course provides instruction on the following: the organization and function of fire prevention; fire and life safety inspections; utilization of the Uniform Fire Code and related standards; surveying and mapping procedures; recognition of fire and life hazards; enforcing the solution of a fire hazard; public education aspects of fire prevention; and firefighters’ responsibility in determining the cause of fire. Pass/No Pass Option. Transfer: CSU</td>
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</tbody>
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**Fire Protection Technology (FPT)**

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</tr>
</tbody>
</table>
FPT 056 Hazardous Materials Technology (3.0 Lecture)
Advisory: FPT 052 and Advisory: MAT 903 This course provides an in-depth study of the materials presenting special problems in fire fighting operations, including the identification of hazardous materials and the handling procedures utilized for emergencies. Pass/No Pass Option. Transfer: CSU
75554 R 6:00PM - 9:10PM Hall GC 118
NOTE: Safety equipment and/or uniforms required. Estimated equipment cost of $325.00 (can be used in FPT*057, FPT*060 & FPT*061).

FPT 057 Rescue Practices (2.0 Lecture/1.0 Lab)
This lecture and lab course focuses on rescue procedures; patient assessment; controlling bleeding; orthopedic, poison and environmental emergencies; multiple casualties and triage; manual lifts and carries; low angle and confined space rescue; hazardous materials awareness and decontamination procedures; transportation techniques; extrication procedures. Pass/No Pass Option. Transfer: CSU
75555 R 9:00AM - 11:10AM Chew GC 118
NOTE: Safety equipment and/or uniforms required. Estimated equipment cost of $325.00 (can be used in FPT*057, FPT*060 & FPT*061).
R 11:20AM - 2:20PM Chew GC 118

FPT 061 Fundamentals of Fire Suppression (1.5 Lecture/1.5 Lab)
This course provides instruction in the identification and operation of the specific fire service tools and equipment including knots and hitches; portable fire extinguishers; protective breathing apparatus; basic hose evolutions and effective hose lines; fire service ladders and basic salvage and overhaul techniques. Pass/No Pass Option. Transfer: CSU
75556 M 9:00AM - 12:00PM Hall GC 118
NOTE: Safety equipment and/or uniforms required. Estimated equipment cost of $325.00 (can be used in FPT*057, FPT*060 & FPT*061).
M 12:00PM - 4:00PM Hall GC 118

FPT 066 Emergency Medical Technician 1 Theory (6.0 Lecture)
Prerequisite: AHL 011 or American Heart Association BLS for the Healthcare Provider or equivalent. Corequisite: FPT 065L and Corequisite: FPT 065C This EMT-I training program is designed to prepare individuals to render pre-hospital basic life support. This course meets all the theory requirements for certification as an Emergency Medical Technician –I as specified in the regulations approved by the State of California Emergency Medical Services Authority April, 2013. Students must also successfully complete FPT 065L and FPT 065C concurrently to be eligible for certification. Transfer: CSU
75559 MW 6:00PM - 9:10PM Rose GC 223
NOTE: Concurrent enrollment in FPT*065C & FPT*065L is required.
75557 TR 1:00PM - 4:10PM Wyatt GC 116
NOTE: Concurrent enrollment in FPT*065C and FPT*065L is required.
75558 TR 6:00PM - 9:10PM Rose GC 116
NOTE: Concurrent enrollment in FPT*065C and FPT*065L is required.

FPT 065C Emergency Medical Technician 1 Clinical Experience (0.5 Lab)
This course meets all the clinical requirements for certification as an Emergency Medical Technician –I as specified in the regulations approved by the State of California Emergency Medical Services Authority in April, 2013. The student needs to show proof of a current TB test. Pass/No Pass Option.
75560 M 11:30AM - 1:40PM Wyatt GC 116
NOTE: This section requires two mandatory meetings on the following days Monday, 8/27/18 and 10/22/18 from 11:30-1:40PM in Room GC 116 + 22 additional scheduled hours-days and times to be announced, room off-campus. Students are required to show proof of current TB test.
75561 F 12:30PM - 2:40PM Wyatt GC 116
NOTE: This section requires two mandatory meetings on the following days Friday, 8/31/18 and 10/26/18 from 12:30-2:40 pm, Room GC 116 + 22 additional scheduled hours-days and times to be announced, room off-campus. Students are required to show proof of current TB test.
75562 F 2:50PM - 5:00PM Wyatt GC 116
NOTE: This section requires two mandatory meetings on the following days Friday, 8/31/18 and 10/26/18 from 2:50-5:00 pm, Room GC 116 + 22 additional scheduled hours-days and times to be announced, room off-campus. Students are required to show proof of current TB test.

FPT 065L Emergency Medical Technician Laboratory (1.5 Lab)
Prerequisite: AHL 011 American Heart Association BLS for the Healthcare Provider or equivalent. Corequisite: FPT 065 and Corequisite: FPT 065C Advisory: MAT 903 This course meets all the skills laboratory requirements for certification as an Emergency Medical Technician –I as specified in the regulations approved by the State of California Emergency Medical Services Authority in April, 2013. Students must successfully complete concurrently FPT 065 and FPT 065C to be eligible for certification. Pass/No Pass Option. Transfer: CSU
75564 M 2:00PM - 5:00PM Rose GC 116
NOTE: This course has an additional total of 21 hours of on-campus training that is spread across two days, with a flexible schedule. AHA CPR for the HealthCare Provider is required.

FPT 065L Emergency Medical Technician Laboratory (1.5 Lab)
Prerequisite: AHL 011 American Heart Association BLS for the Healthcare Provider or equivalent. Corequisite: FPT 065 and Corequisite: FPT 065C Advisory: MAT 903 This course meets all the skills laboratory requirements for certification as an Emergency Medical Technician –I as specified in the regulations approved by the State of California Emergency Medical Services Authority in April, 2013. Students must successfully complete concurrently FPT 065 and FPT 065C to be eligible for certification. Pass/No Pass Option. Transfer: CSU
75565 W 6:00PM - 9:50PM Potts GC 116
NOTE: This course has an additional total of 21 hours of on-campus training that is spread across two days, with a flexible schedule. AHA CPR for the HealthCare Provider is required.
75566 R 9:00AM - 12:50PM Gatt GC 116
NOTE: This course has an additional total of 21 hours of on-campus training that is spread across two days, with a flexible schedule. AHA CPR for the HealthCare Provider is required.
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.

Foreign Languages (ARB)

ARB 001 First Semester Arab And Culture (5.0 Lecture)
This course is an introduction to Modern Standard Arabic. All four basic language skills (listening, speaking, reading, and writing) are introduced within a cultural context. Pass/No Pass Option. Transfer: CSU/UC

75537 MW 6:00PM - 8:30PM Obeid MT 23
76502 TR 6:00PM - 8:30PM Obeid MT 19

Foreign Languages (CHI)

CHI 001 First Semester Chinese (5.0 Lecture)
This course is an introduction to the pronunciation and basic grammatical structures of the Mandarin Chinese language. Emphasis is on listening and speaking skills; however, reading and writing are introduced and practiced. Chinese culture is incorporated in the course content. Pass/No Pass Option. Transfer: CSU/UC

76552 S 9:30AM - 12:00PM Mao GC 221
76553 MT 6:00PM - 8:30PM Mao ONLINE
NOTE: This 5-unit transferable CSU/UC hybrid course is taught on campus (face-to-face) Sat 9:30am - 12:00pm and ONLINE Tuesday 6-8:30pm. For questions contact yen-ping.mao@missioncollege.edu
8/25 - 12/15

CHI 002 Second Semester Chinese (5.0 Lecture)
Prerequisite: CHI 001 Chinese 002 is a continuation of Chinese 001 and is an elementary level course. Pass/No Pass Option. Transfer: CSU/UC

76689 S 1:00PM - 3:30PM Mao GC 221
76690 R 6:00PM-8:30PM Mao ONLINE
NOTE: This 5-unit transferable CSU/UC hybrid course is taught on campus (face-to-face) Sat 1:00-3:30pm and ONLINE Thursday 6-8:30pm. For questions contact yen-ping.mao@missioncollege.edu
8/25 - 12/15

Foreign Languages (FRN)

FRN 001 First Semester French (Elementary Level) (5.0 Lecture)
Corequisite: FRNCH 001L. This course covers basic French grammar, structure, vocabulary and pronunciation in a cultural context. Pass/No Pass Option. Transfer: CSU/UC

75538 TR 10:00AM - 12:30PM Bertola MT 3
NOTE: If you are taking FRN 001 you must also register for its co-requisite online lab (French 1L). For questions email Prof. Bertola at marie_chung@missioncollege.edu.

Foreign Languages (JPN)

JPN 001 First Semester Japanese (5.0 Lecture)
The student will learn the fundamentals of Japanese grammar, pronunciation, and two written syllabary systems, Hiragana and Katakana, and be able to converse on a limited scale on topics of everyday importance. The student will be able to understand spoken and written (primarily Romanized) Japanese within the limits of the grammatical structures and vocabulary introduced in the course. Pass/No Pass Option. Transfer: CSU/UC

75540 MW 10:00AM - 12:30PM Scearce SEC 231
75541 TR 6:30PM - 9:00PM Scearce SEC 231

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

75542 MW 10:00AM - 12:30PM Rivas CDC 25
NOTE: ALL sections of SPA 001 have a co-requisite lab requirement. SPA 001 (75542) students must also enroll in SPA 1L (75545) (a half-unit online lab). Make sure to sign up for the section number indicated here with the same instructor for both the 001 and the 001L. For questions contact monica.rivas@missioncollege.edu.

76553 MTWR 2:05PM - 4:35PM Rivas SEC 309
NOTE: This is an 8 week Spanish 1 course beginning 8/27/18 to 10/18/18. ALL sections of Spanish 1 have a co-requisite lab requirement. SPAN 1 students must also enroll in SPAN 1L (CRN 76556 a half-unit online lab). Make sure to sign up with the same instructor for both the 1 and the 1L. For questions contact monica.rivas@missioncollege.edu.
8/27 - 10/18

75543 MW 6:00PM - 8:30PM Breidenbach GC 203
NOTE: ALL sections of SPA 001 have a co-requisite lab requirement. SPA 001 (75543) students must also enroll in SPA 001L (75544) (a half-unit online lab). Make sure to sign up for the section number indicated here with the same instructor for both the 001 and the 001L. For questions contact carla.breidenbach@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

76556 ONLINE Rivas
NOTE: This is the lab that goes with the Speedy SPN 1 class (CRN 76553). Please register ONLY for this lab section if you are taking the 8 week Spanish 1 course.
ONLINE FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wwm.instructure.com. COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

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

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

VIE 001 First Semester Vietnamese (5.0 Lecture)
The student acquires the basic skills for communication in Vietnamese: listening, speaking, reading, and writing. Emphasis on fundamentals of formal spoken and written language. Includes study of culture, traditions, and interpersonal etiquette. Pass/No Pass Option. Transfer: CSU/UC

VIE 049A Vietnamese for the Vietnamese-Speaking (3.0 Lecture)
Course designed for the native speaker of Vietnamese. Emphasis on fundamentals of formal spoken and written language. Includes study of culture, traditions, and interpersonal etiquette. Pass/No Pass Option. Transfer: CSU/UC

GEO 001 Introduction to Physical Geography (3.0 Lecture)
This course examines the interactions among weather and climate, water resources, landforms, and living things. Human impact on all aspects of the physical environment and use of geospatial technology are explored. Pass/No Pass Option. Transfer: CSU/UC

ARGUMENTATION & DEBATE!
Learn to communicate in personal, professional or public forms
JOIN US FOR COMM 020

ONLINE FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wwm.instructure.com. Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.
### Graphic Design (GDS)

#### GDS 012 History of Photography (3.0 Lecture)
This course surveys the history of photography from its origins to the present. Students examine the practice of photography as an art form and as a form of visual communication in historical, socio-political and cultural contexts. Pass/No Pass Option. Transfer: CSU/UC

75212 ONLINE Garrett 75223 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.

#### GDS 035 Beginning Graphic Design (2.0 Lecture/1.0 Lab)
In this introductory course students learn about the practical, artistic, and technical sides of Graphic Design. Students also begin to gain the necessary critical thinking and technical skills required in the field of Graphic Design. Students are evaluated through a series of hands-on projects. The primary software used in this course is Adobe Photoshop, but multiple software packages are explored. Pass/No Pass Option. Transfer: CSU

75213 TR 3:40PM - 4:45PM Rivas GC 329
75215 ONLINE Rivas
NOTE: This section meets only ONLINE using Canvas (www.instructure.com). Students attempting to add this section on or after the start date will need to contact the instructor directly at rick.rivas@missioncollege.edu.

#### 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

75216 MW 12:40PM - 1:45PM Garrett GC 327
75217 ONLINE Garrett
NOTE: This is a HYBRID section that meets both ONLINE using the Canvas online learning management system and ON-CAMPUS. To add this class on or after the first day of instruction, students must contact the instructor directly at curtis.pembrook@missioncollege.edu.

#### GDS 046 Web Design and Development 2 (2.0 Lecture/1.0 Lab)
Advisory: GDS 045 This intermediate level course focuses both on the creative design and the appropriate software and coding skills required in web design and front end web development. This course provides an intermediate level content continuation of the GDS 045 course. Advanced design principles of type, color, illustration and layout are explored, along with in-depth introduction to advanced HTML and CSS. There is also an introduction to Javascript and other relevant technologies. A basic understanding of computer system operation is required. Pass/No Pass Option. Transfer: CSU

75223 TR 12:40PM - 1:45PM Flores GC 327
75224 TR 1:45PM - 3:10PM Flores GC 327
ONLINE FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com or the COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

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

75225 TR 10:00AM - 11:05AM Lane GC 327
TR 11:05AM - 12:30PM Lane GC 327
75226 ONLINE Lane

NOTE: 5.7 Online weekly hours. This section meets only ONLINE using Canvas (wvm.instructure.com). Students attempting to add this section on or after the start date will need to contact the instructor directly at rick.rivas@missioncollege.edu.

GDS 063 Introduction to Adobe InDesign (2.0 Lecture/1.0 Lab)
Advisory: GDS 064 This introductory level course in page layout uses Adobe InDesign software. Students assemble a variety of printed pieces such as booklets, brochures, magazines, newspapers, newsletters, and other communication materials. Emphasis is on learning techniques used by graphics professionals to create full-color pieces integrating text, photos, and illustrations. Pass/No Pass Option. Transfer: CSU

75227 MW 10:00AM - 11:05AM Kasikci-Ata GC 325
MW 11:05AM - 12:30PM Kasikci-Ata GC 325

NOTE: 5.7 Online weekly hours. This section meets only ONLINE using Canvas (wvm.instructure.com). Students attempting to add this section on or after the start date will need to contact the instructor directly at duncan.lane@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

75229 TR 12:40PM - 1:45PM Rivas GC 329
TR 1:45PM - 3:10PM Rivas GC 329
75228 ONLINE Rivas

NOTE: 5.7 Online weekly hours. This section meets only ONLINE using Canvas (wvm.instructure.com). Students attempting to add this section on or after the start date will need to contact the instructor directly at rick.rivas@missioncollege.edu.

GDS 066 Advanced Adobe Illustrator (2.0 Lecture/1.0 Lab)
Advisory: GDS 062 This advanced level course uses Adobe Illustrator software. Designed for the student who wishes to continue with techniques and methods beyond the GDES 062 beginning course, students produce a variety of sophisticated digital illustrations. Emphasis is on technique as well as methodologies for creating illustrations with a distinctive style. Pass/No Pass Option. Transfer: CSU

75677 MW 12:40PM - 1:45PM Kasikci-Ata GC 325
MW 1:45PM - 3:10PM Kasikci-Ata GC 325

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 principals, processes, and techniques used to develop effective user interfaces. Pass/No Pass Option. Transfer: CSU

75236 MW 4:45PM - 6:10PM Frye GC 329
75235 MW 3:40PM - 4:45PM Frye GC 329

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

75233 MW 10:00AM - 11:05AM Schwartz Massalski GC 329
MW 11:05AM - 12:30PM Schwartz Massalski GC 329
75234 ONLINE Garrett

NOTE: 5.7 Online weekly hours. This section meets only ONLINE using Canvas (wvm.instructure.com). Students attempting to add this section on or after the start date will need to contact the instructor directly at mark.garrett@missioncollege.edu.

GDS 074 Digital Video Production With Final Cut Pro (2.0 Lecture/1.0 Lab)
This introductory course focuses on video production and related hardware and software. The students develop an understanding of video production and post-production in a series of hands on exercises. Camera operation, video and audio production techniques, special effects, the basic principles of motion graphics, video editing and audio editing are explored. Access to a camera capable of recording video, and a basic understanding of computer system operation are required. Pass/No Pass Option. Transfer: CSU

75235 MW 3:40PM - 4:45PM Frye GC 329
MW 4:45PM - 6:10PM Frye GC 329

GDS 081 Motion Graphics With After Effects (2.0 Lecture/1.0 Lab)
Advisory: GDS 064, GDS 074 This course focuses on the preparation and production of motion graphics/visual effects for video, film and the internet. The student develops an understanding of the principles of type in motion, keyframe animation, masking/KEYING, tracking, color correction and compositing. The focus is on creative visual communication. The student develops skill in the use of After Effects, as well as other appropriate software. Access to a camera capable of recording video, and a basic understanding of Adobe Photoshop and computer system operation are recommended. Pass/No Pass Option. Transfer: CSU

75236 MW 3:40PM - 4:45PM Frye GC 329
MW 4:45PM - 6:10PM Frye GC 329
### Health Education (HED)

#### HED 002 Health and Lifestyle (3.0 Lecture)
**Advisory:** CAP 033A This course is designed to provide students with the learning experiences that will lead to a better understanding of the concept of a healthy lifestyle. Major topics covered in the class will be understanding behavior and change, relationships, cardiovascular health, fitness, nutrition and weight control, stress management, drug and alcohol abuse, reproductive issues, self-care and the use of the health care system. Pass/No Pass Option. **Transfer: CSU/UC 8/27 - 5/24**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>76220</td>
<td>MT</td>
<td>8:00AM - 8:50AM</td>
<td>Harrison</td>
<td>OFF</td>
<td></td>
</tr>
<tr>
<td>75736</td>
<td>TR</td>
<td>5:30PM - 7:00PM</td>
<td>Ashley</td>
<td>GC 225</td>
<td></td>
</tr>
<tr>
<td>75737</td>
<td>ONLINE</td>
<td>Rafizadeh</td>
<td></td>
<td></td>
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</tbody>
</table>

#### HED 004 First Aid and CPR (0.5 Lecture)
This course covers Adult/Child/Infant CPR/AED (automated external defibrillator) and first aid instruction and skills. A certificate of completion will be given. American Heart Association fee must be paid to Mission Cashier prior to first class meeting. Students’ workbook (text) must be purchased and read before class. Pass/No Pass Option. **Transfer: CSU/UC**

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<tbody>
<tr>
<td>75477</td>
<td>F</td>
<td>8:00AM - 4:40PM</td>
<td>Schmitz</td>
<td>GC 116</td>
<td></td>
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<tr>
<td>76098</td>
<td>F</td>
<td>8:00AM - 4:40PM</td>
<td>Schmitz</td>
<td>GC 116</td>
<td></td>
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<tr>
<td>75738</td>
<td>F</td>
<td>8:00AM - 4:40PM</td>
<td>Schmitz</td>
<td>GC 116</td>
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<tr>
<td>75751</td>
<td>S</td>
<td>8:00AM - 4:40PM</td>
<td>Schmitz</td>
<td>GC 116</td>
<td></td>
</tr>
<tr>
<td>75739</td>
<td>S</td>
<td>8:00AM - 4:40PM</td>
<td>Schmitz</td>
<td>GC 116</td>
<td></td>
</tr>
</tbody>
</table>

### Health Occupations (HOC)

#### HOC 001 Medical Terminology (3.0 Lecture)
This course offers 14 modules over the semester, with the scheduled requirement that one module be completed each week. The modules introduce medical terminology related to medical specialties, diagnostic and therapeutic procedures, and an overview of each body system. Pass/No Pass Option. **Transfer: CSU**

<table>
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<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>75701</td>
<td>MW</td>
<td>9:00AM - 10:15AM</td>
<td>Lojo</td>
<td>GC 223</td>
<td></td>
</tr>
<tr>
<td>75711</td>
<td>MF</td>
<td>10:00AM - 11:15AM</td>
<td>Harrison</td>
<td>OFF</td>
<td></td>
</tr>
<tr>
<td>75709</td>
<td>ONLINE</td>
<td>Rafizadeh</td>
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#### 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**

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<tr>
<th>Course ID</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>75997</td>
<td>S</td>
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<td>Schmitz</td>
<td>GC 116</td>
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<td>75996</td>
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#### HOC 019A Nursing Assistant Fundamentals (3.0 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**

<table>
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<tr>
<th>Course ID</th>
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<td>W</td>
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<td>Williams</td>
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NOTE: YOU MUST APPLY AND BE ACCEPTED IN ORDER TO ATTEND THIS CLASS. Must take HOC*019B. There will be a Mandatory Orientation meeting, notification will be via mail.

<table>
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<tr>
<th>Course ID</th>
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<td>W</td>
<td>3:30PM - 5:30PM</td>
<td>Johnson</td>
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MISSION COLLEGE  FALL SESSION COURSES  2018 Schedule of Classes

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 California Certified Nurse Assistant (CNA) examination. (Advisory: HED-004) Pass/No Pass Only. Transfer: CSU
76357 MT 6:30AM - 2:45PM Flores OFF 10/15 - 12/3
75787 WS 6:30AM - 2:45PM Johnsen OFF 10/17 - 12/5
76356 FS 6:30AM - 2:45PM Flores OFF 10/19 - 12/8

HOC 020 Introduction to Professional Health Care (0.5 Lecture)
This course acquaints incoming vocational nursing and psychiatric technician students with Mission College, available student services, and Health Occupations career track requirements. It covers college orientation and information regarding the Health Occupation Program policies and procedures, career opportunities, stress management, study skills, and self-awareness exercises. Pass/No Pass Only.
11/30 - 11/30

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. Transfer: CSU
75803 M 3:00PM - 4:05PM Williams GC 224
75804 M 4:30PM - 5:35PM Williams GC 224

HOC 032 Care of Obstetrical and Neonatal Patients (2.0 Lecture)
Prerequisite: HOC 022; HOC 023A; HOC 023B; HOC 024; HOC 025A; HOC 026A; HOC 027; HOC 028; PSY 001; Corequisite: HOC 033A; HOC 033B; HOC 034; HOC 035A; HOC 036A; NTR 015 or NTR 040. This course is designed for the student to focus on intermediate concepts in caring for child-bearing families. Concepts include family communications, teaching, the nursing process, critical thinking, legal-ethical issues, and the advocacy role within the VN scope of practice. Transfer: CSU
76638 M 10:30AM - 12:50PM Dallaporta GC 225

HOC 033A Int. Medical/Surgical Nursing Theory (2.0 Lecture)
This course focuses on intermediate level nursing care and interventions for clients with diseases or disorders of the cardiac, vascular, respiratory, and urinary systems. Transfer: CSU
76639 M 8:00AM - 10:20AM Staff GC 225

HOC 033B Int. Project-Based Medical/Surgical Reasoning (1.5 Lecture)
This course is designed to provide practice for the intermediate level vocational nursing student with principal problem-solving and critical reasoning through a variety of group activities and projects related to patients with cardiac, vascular, respiratory, and genitourinary disorders. Transfer: CSU
76640 F 8:30AM - 10:00AM Cowels GC 219

HOC 034 Pharmacology B (1.0 Lecture)
This intermediate continuation pharmacology course focuses on safe administration and patient teaching principles for patients with disorders of the cardiac, vascular, respiratory and urinary systems. Transfer: CSU
76650 F 8:30AM - 11:30AM Oliver GC 224

HOC 035A Int. Nursing Skills/Simulation Lab (1.0 Lab)
This course integrates intermediate nursing skills, theoretical concepts and clinical competence in a controlled laboratory setting using case studies, group care planning, simulation scenarios and class discussions. Simulated scenarios reinforce planning and implementing interventions aimed to meet the needs of the medical-surgical and geriatric patients with respiratory, cardiac, vascular, and urinary disorders, and obstetrical and neonatal patients in inpatient and outpatient settings. Pass/No Pass Only. Transfer: CSU
76641 F 7:00AM - 8:05AM Chin GC 225
76642 R 8:00AM - 11:20AM Dellaporta GC 220
76647 R 12:30PM - 3:50PM Cowels GC 220
76648 R 12:30PM - 3:50PM Brockmeier GC 218

HOC 035B Int. Skills/Simulation Lab (1.0 Lab)
This course integrates intermediate psychiatric technician skills, theoretical concepts and clinical competence in a controlled laboratory setting using case studies, group care planning, simulation scenarios and class discussions. Simulated scenarios reinforce planning and implementing interventions aimed to meet the needs of patients with respiratory, cardiac, vascular, urinary, mental health disorders and developmental disabilities in inpatient and outpatient settings. Pass/No Pass Only. Transfer: CSU
76651 R 8:00AM - 11:20AM Oliver GC 218

HOC 036A Int. Clinical Practicum (5.0 Lab)
This is a clinical experience course in which intermediate vocational nursing students apply theoretical concepts, basic nursing skills, the nursing process and therapeutic communication to delivery of safe, quality healthcare to medical-surgical, obstetrical and newborn patients in a variety of community healthcare settings under direct supervision of the instructor. Pass/No Pass Only. Transfer: CSU
76649 M 10:30AM - 1:35PM Oliver GC 224

HOC 033C Int. Cognitive Disabilities - Mental Health Theory (2.5 Lecture)
This intermediate continuation course is designed to integrate and apply previously learned concepts, present theoretical principles and current biological, psychosocial and socio-cultural concepts of abnormal and maladaptive behavior to psychiatric technician students. Students plan and evaluate therapeutic patient-centered goals and interventions used to establish the group process. Includes two hours of related pharmacology content. Transfer: CSU

ONLINE FALL 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.
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HIS 004A History of Western Civilization (3.0 Lecture)
Cultural contributions in western civilization from Mesopotamia & Egypt to European Renaissance. Pass/No Pass Option. Transfer: CSU/UC
NOTE: 3.4 online wkly hrs. This course is delivered completely online. There will be neither in-person orientations nor on-campus exams. Students who wish to add this section after class starts must contact the instructor directly at RaeAnn. Ramsey@missioncollege.edu.

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

HIS 015 World History to 1500 (3.0 Lecture)
This course is a survey of World Civilization from prehistoric times to 1500. Emphasis is on the major political, economic, social, cultural and intellectual movements that have molded world societies. Pass/No Pass Option. Transfer: CSU/UC

HIS 015H World History to 1500 - Honors (3.0 Lecture)
This honors course is a survey of World Civilization from prehistoric times to 1500. 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

HIS 017A History of the United States to 1877 (3.0 Lecture)
This course covers the development of American government and culture from colonial through Civil War and Reconstruction periods. Pass/No Pass Option. Transfer: CSU/UC

HOC 036B Int. Clinical Practicum (5.0 Lab)
This is a continuation clinical experiential course in which intermediate psychiatric technician students apply theoretical concepts, basic nursing skills, the nursing process and therapeutic communication to delivery of safe, quality healthcare to patients with medical-surgical, mental health and developmental disability disorders under direct supervision of the instructor. Pass/No Pass Only. Transfer: CSU

HIS 017B History of the United States Since 1877 (3.0 Lecture)
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

HIS 020 History and Geography of California (3.0 Lecture)
This course examines California’s geographic regions, Native Americans of California, institutions of Spanish California, developments during Mexican and early American period, economic foundations of the state, political growth and institutions of American California, diversity in California history through the 20th Century, and state and local government. Pass/No Pass Option. Transfer: CSU/UC

HIS 036B Int. Clinical Practicum (5.0 Lab)
This is a continuation clinical experiential course in which intermediate psychiatric technician students apply theoretical concepts, basic nursing skills, the nursing process and therapeutic communication to delivery of safe, quality healthcare to patients with medical-surgical, mental health and developmental disability disorders under direct supervision of the instructor. Pass/No Pass Only. Transfer: CSU

HIS 017B History of the United States Since 1877 (3.0 Lecture)
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
ONLINE FALL 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.

NOTE: Concurrent enrollment in FDR 051 CRN 76657 is required. Lab: Arias HM 119
76657 TR 4:45PM - 5:50PM Arias HM 121
TR 5:50PM - 10:15PM Arias HM 119
NOTE: $200.00 material fee. Concurrent class enrollment in FDR*052S CRN 75535 is required.

HIS 031 History of East Asia (3.0 Lecture)
This course is a survey of the history of China, Japan, Korea, Vietnam and related countries in East Asia with emphasis on the political, social, and economic development of these countries and their interaction with the West. Pass/No Pass Option. Transfer: CSU/UC
75273 ONLINE Xu
NOTE: 3.4 online wkly hrs. This course is delivered completely online. There will be neither in-person orientations nor on-campus exams. Students who wish to add to this section after class starts must contact the instructor directly at wenxian.xu@missioncollege.edu.

FDR 050A Introduction to the Hospitality Industry (3.0 Lecture)
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
75529 ONLINE Dennis
NOTE: This class will be meeting 8 online hours a week. For more information please contact haze.dennis@missioncollege.edu.

FDR 051 Basic Food Preparation (2.0 Lecture/3.0 Lab)
Corequisite: FDR 051S. Advisory: INF 050. It is highly recommended that INF 050 be taken simultaneously with FDR 051. This is a lecture and laboratory course dealing with the fundamentals of food preparation. Students practice the basic principles of food preparation and prepare small quantities from standard recipes, and international cuisines are introduced. Materials Fee $200.00 Pass/No Pass Option. Transfer: CSU
75518 MW 9:00AM - 10:05AM Dennis HM 123
MW 10:05AM - 1:10PM Dennis HM 119
NOTE: $200.00 material fee.
76657 TR 4:45PM - 5:50PM Arias HM 123
TR 5:50PM - 10:15PM Arias HM 119
NOTE: $200.00 material fee.

FDR 051S Introductory Catering Operations Lab (0.5 Lab)
Corequisite: FDR 051. This supplemental instruction class gives students hands-on practice in catering operations. It is a required Corequisite: to FDR 051: Basic Food Preparation. Pass/No Pass Option.
75532 Dennis HM 119
NOTE: Concurrent enrollment in FDR 051 CRN 75518 is required. Hours are accumulated based on varying catering schedule; 27 total required hours.
76684 Dennis HM 119
NOTE: Concurrent enrollment in FDR 051 CRN 75518 is required. Hours are accumulated based on varying catering schedule; 27 total required hours.
76658 Arias HM 119
NOTE: Concurrent enrollment in FDR 051 CRN 76657 is required. Hours are accumulated based on varying catering schedule; 27 total required hours.

FDR 052 Quantity Foods Operation (1.0 Lecture/5.0 Lab)
Prerequisite: FDR 051 Prerequisite: FDR 055 Prerequisite: FDR 058 Prerequisite: FDR 075 Prerequisite: INF 050 Corequisite: FDR 052S CRN 75518 is required. Hours are accumulated based on varying catering schedule; 24 total required hours.

FDR 052S Quantity Foods Lab (0.5 Lab)
This class is a required supplement for students enrolled in FDR 052, Quantity Foods. Students must fulfill 24-30 hours working on department on-site and off-site banquet and catering events. Activities include, but are not limited to: client contact and communication, event planning, service and execution, breakdown and followup. Pass/No Pass Option.
75535 Brunson HM 106
NOTE: Concurrent enrollment in FDR 052 section 75525 is required. Hours are accumulated based on varying catering schedule; 24 total required hours.

FDR 054 Hotel and Restaurant Accounting (3.0 Lecture)
Study of the basic principles of Hotel and Restaurant accounting. Transfer: CSU
75526 W 3:40PM - 6:50PM Arias HM 121

FDR 059 Hospitality Supervision and Leadership (4.0 Lecture)
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
75527 M 5:00PM - 9:10PM Dennis HM 121
NOTE: This class will be meeting 8 online hours a week. For more information contact haze.dennis@missioncollege.edu.

FDR 075 Menu Planning (2.0 Lecture)
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
75528 W 7:00PM - 9:05PM Dennis HM 121
76661 ONLINE Yu
NOTE: This class will be meeting 8 online hours a week. For more information please contact albert.yu@missioncollege.edu.

FDR 082 Introduction to Chocolate and Confectionary (1.0 Lecture/1.0 Lab)
This class introduces students to chocolate and sugar confectionary work. Pass/No Pass Option.
76659 T 5:00PM - 6:05PM Brunson HM 123
T 6:05PM - 9:20PM Brunson HM 119
NOTE: $100.00 material fee.

Hospitality Management (FDR)

Transfer: CSU/UC
ONLINE FALL 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.
INS 947 Supervised Tutoring
Corequisite: Enrollment in the course or courses (other than INS 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. 8/27-12/15
75750 MTWRF Green SEC 154
NOTE: This is an 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.

75745 MTWRF Green SEC 154
NOTE: This is an 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.

75748 MTWRF Green SEC 154
NOTE: This is an 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.

75741 MTWRF Green SEC 154
NOTE: This is an 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.

75743 MTWRF Green SEC 154
NOTE: This is an 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.

75740 MTWRF Green SEC 154
NOTE: This is an 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.

Kinesiology (KIN)
KIN 001A Adapted Weight Training (1.0 Lab)
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
76706 MW 9:20AM - 10:55AM Mendoza VK 3
75478 TR 9:20AM - 10:45AM Mendoza VK 3
75600 TR 2:05PM - 3:40PM Morgan VK 3

KIN 001C Adapted Aerobics (1.0 Lab)
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
75601 MW 9:20AM - 10:45AM Mendoza VK 3
75584 TR 9:20AM - 10:45AM Mendoza VK 3
75602 TR 2:05PM - 3:30PM Morgan VK 3

KIN 014A Volleyball - Introduction (1.0 Lab)
Advisory: KIN 014A or demonstrated ability to pass, set and serve. This course is designed to introduce students to the basic skills and techniques of volleyball. Pass/No Pass Option. Transfer: CSU/UC
76787 R 7:00PM - 10:10PM Staff GYM

KIN 014B Volleyball - Beginning (1.0 Lab)
Advisory: KIN 014A or demonstrated ability to pass, set and serve. This course is designed to introduce students to the basic skills and techniques of volleyball. Pass/No Pass Option. Transfer: CSU/UC
75603 MW 10:55AM - 12:20PM Mendoza GYM
75645 MW 5:25PM - 6:50PM Cafferata GYM
75605 T 7:00PM - 10:10PM Bugg GYM

KIN 015A Basketball - Introduction (1.0 Lab)
Advisory: KIN 015A This course is designed to introduce students to the basic skills and techniques of basketball. Pass/No Pass Option. Transfer: CSU/UC
75603 MW 10:55AM - 12:20PM Mendoza GYM
75645 MW 5:25PM - 6:50PM Cafferata GYM
75605 T 7:00PM - 10:10PM Bugg GYM

KIN 015B Basketball - Beginning (1.0 Lab)
Advisory: KIN 015B This course is designed to introduce students to the basic skills and techniques of basketball. Pass/No Pass Option. Transfer: CSU/UC
75606 MW 10:55AM - 12:20PM Mendoza GYM
75644 MW 5:25PM - 6:50PM Cafferata GYM
75609 T 7:00PM - 10:10PM Bugg GYM

KIN 015C Basketball: Intermediate (1.0 Lab)
Advisory: KIN 015B This course is designed to introduce students to the intermediate skills of basketball. Pass/No Pass Option. Transfer: CSU/UC
75607 MW 10:55AM - 12:20PM Mendoza GYM
75646 MW 5:25PM - 6:50PM Cafferata GYM
75610 T 7:00PM - 10:10PM Bugg GYM

KIN 015D Basketball - Advanced (1.0 Lab)
Advisory: KIN 015D This course is designed to introduce students to the advanced skills of basketball. Pass/No Pass Option. Transfer: CSU/UC
75608 MW 10:55AM - 12:20PM Mendoza GYM
75647 MW 5:25PM - 6:50PM Cafferata GYM
75611 T 7:00PM - 10:10PM Bugg 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
76713 M 7:00PM - 10:10PM Staff 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
76714 M 7:00PM - 10:10PM Staff 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
75656 W 9:20AM - 10:45AM Buss GYM
75652 W 7:00PM - 10:10PM 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
75657 W 9:20AM - 10:45AM Buss GYM
75653 W 7:00PM - 10:10PM 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
75658 W 9:20AM - 10:45AM Buss GYM
75654 W 7:00PM - 10:10PM 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
75659 W 9:20AM - 10:45AM Buss GYM
75655 W 7:00PM - 10:10PM 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
75659 M 2:05PM - 5:15PM Buss CRTS
75661 S 8:00AM - 11:10AM Bugg CRTS
8/25 - 12/15

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
75660 M 2:05PM - 5:15PM Buss CRTS
75627 W 2:05PM - 5:15PM Gonzales CRTS
75662 S 8:00AM - 11:10AM Bugg CRTS
8/25 - 12/15

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
75694 M 2:05PM - 5:15PM Buss CRTS
75667 W 2:05PM - 5:15PM Gonzales CRTS
75664 R 7:00PM - 10:10PM Gonzales CRTS
75663 S 8:00AM - 11:10AM Bugg CRTS
8/25 - 12/15

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
75695 M 2:05PM - 5:15PM Buss CRTS
75669 W 2:05PM - 5:15PM Gonzales CRTS
75665 R 7:00PM - 10:10PM Gonzales CRTS

KIN 023A Archery: Introduction (1.0 Lab)
This course introduces the student to the sport of archery. Emphasis will be placed on safety, etiquette and the rules of archery. Pass/No Pass Option. Transfer: CSU/UC
75669 MW 10:55AM - 12:20PM Morgan GYM
75696 TR 12:30PM - 1:55PM Buss GYM
75671 F 9:00AM - 12:10PM Buss GYM

KIN 023B Archery: Beginning (1.0 Lab)
This course is designed to refine the shooting skills of the beginning archery student. Emphasis is placed on shooting technique, form, and concentration. Safety guidelines, etiquette, and rules of archery are reviewed. Pass/No Pass Option. Transfer: CSU/UC
75670 MW 10:55AM - 12:20PM Morgan GYM
75697 TR 12:30PM - 1:55PM Buss GYM
75672 F 9:00AM - 12:10PM Buss GYM

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
75777 MW 9:20AM - 10:45AM Wundram VK 2
75763 TR 12:30PM - 1:55PM Staff VK 2

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

KIN 030B Pilates Matwork - Beginning (1.0 Lab)
This course is the study and practice of Joseph Pilates' Physicalmind Conditioning Method at a beginning level. Pass/No Pass Option. Transfer: CSU/UC
75678 MW 9:20AM - 10:45AM Wundram VK 2
75674 TR 12:30PM - 1:55PM Staff 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
76599 MW 9:20AM - 10:45AM Wundram VK 2
75675 TR 12:30PM - 1:55PM Staff 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
76600 MW 9:20AM - 10:45AM Wundram VK 2
75676 TR 12:30PM - 1:55PM Staff VK 2

KIN 033A Kickboxing Fitness - Introduction (1.0 Lab)
This course is an introduction to kickboxing for aerobic fitness. Cardio-kickboxing uses techniques from various martial arts as a way to achieve an aerobic workout. In this course, there is an appropriate warm-up and cool-down. Pass/No Pass Option. Transfer: CSU/UC
75679 MW 3:40PM - 5:05PM Buteau VK 8

KIN 033B Kickboxing Fitness - Beginning (1.0 Lab)
Students build upon the kickboxing movements learned in KIN 033A, with an emphasis on proper body alignment and a more advanced level of cardiovascular fitness. Techniques are from karate, tai chi and boxing as ways to improve overall fitness. Pass/No Pass Option. Transfer: CSU/UC
75686 MW 3:40PM - 5:05PM Buteau VK 8

KIN 035A Weight Training - Introduction (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
75714 MW 7:45AM - 9:10AM Mendoza VK 1
75706 MW 10:55AM - 12:20PM Morgan VK 1
75708 MW 12:30PM - 1:55PM Mendoza VK 1
76618 MW 3:40PM - 5:05PM Morgan VK 1
75724 MW 5:25PM - 6:50PM Zendejas VK 1
75692 TR 7:45AM - 9:10AM Mendoza VK 1
75687 TR 10:55AM - 12:20PM Buss VK 1
75697 TR 12:30PM - 1:55PM Morgan VK 1
75701 TR 3:40PM - 5:05PM Morgan VK 1
75719 TR 5:25PM - 6:50PM 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
75715 MW 7:45AM - 9:10AM Mendoza VK 1
75707 MW 10:55AM - 12:20PM Morgan VK 1
75709 MW 12:30PM - 1:55PM Mendoza VK 1
76619 MW 3:40PM - 5:05PM Morgan VK 1
75725 MW 5:25PM - 6:50PM Zendejas VK 1
75693 TR 7:45AM - 9:10AM Mendoza VK 1
75688 TR 10:55AM - 12:20PM Buss VK 1
75698 TR 12:30PM - 1:55PM Morgan VK 1
75702 TR 3:40PM - 5:05PM Morgan VK 1
75720 TR 5:25PM - 6:50PM Hsu VK 1

KIN 035C Weight Training - Intermediate (1.0 Lab)
This course is designed for students at the intermediate level. Topics include advanced training techniques such as pyramids and super sets. Pass/No Pass Option. Transfer: CSU/UC
75716 MW 7:45AM - 9:10AM Mendoza VK 1
76606 MW 10:55AM - 12:20PM Morgan VK 1
75710 MW 12:30PM - 1:55PM Mendoza VK 1
76623 MW 3:40PM - 5:05PM Morgan VK 1
76616 MW 5:25PM - 6:50PM Zendejas VK 1
75696 TR 7:45AM - 9:10AM Mendoza VK 1
75689 TR 10:55AM - 12:20PM Buss VK 1
75699 TR 12:30PM - 1:55PM Morgan VK 1
76605 TR 3:40PM - 5:05PM Morgan VK 1
75721 TR 5:25PM - 6:50PM Hsu VK 1

KIN 036A 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
75717 MW 7:45AM - 9:10AM Mendoza VK 1
76607 MW 10:55AM - 12:20PM Morgan VK 1
75711 MW 12:30PM - 1:55PM Mendoza VK 1
76620 MW 3:40PM - 5:05PM Morgan VK 1
75726 MW 5:25PM - 6:50PM Zendejas VK 1
75694 TR 7:45AM - 9:10AM Mendoza VK 1
75690 TR 10:55AM - 12:20PM Buss VK 1
75700 TR 12:30PM - 1:55PM Morgan VK 1
75703 TR 3:40PM - 5:05PM Morgan VK 1
75722 TR 5:25PM - 6:50PM 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
ONLINE FALL 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.

KIN 037C  Cardiac-Cross Training - Intermediate  (1.0 Lab)
This course is designed to enhance the student's cardiovascular condition by providing a variety of methods of training at an intermediate level. Pass/No Pass Option. Transfer: CSU/UC
76612 MW 7:45AM - 9:10AM Mendoza VK 1
76610 MW 10:55AM - 12:20PM Morgan VK 1
76611 MW 12:30PM - 1:55PM Mendoza VK 1
76622 MW 3:40PM - 5:05PM Morgan VK 1
76630 MW 5:25PM - 6:50PM Zendejas VK 1
76601 TR 7:45AM - 9:10AM Mendoza VK 1
76583 TR 10:55AM - 12:20PM Buss VK 1
76604 TR 12:30PM - 1:55PM Morgan VK 1
76505 TR 3:40PM - 5:05PM Morgan VK 1
76614 TR 5:25PM - 6:50PM Hsu VK 1

KIN 037D  Cardiac-Cross Training - Advanced  (1.0 Lab)
This course is designed to enhance the student's cardiovascular condition by providing a variety of methods of training at an advanced level. Pass/No Pass Option. Transfer: CSU/UC
76613 MW 7:45AM - 9:10AM Mendoza VK 1
75713 MW 12:30PM - 1:55PM Mendoza VK 1
76631 MW 5:25PM - 6:50PM Zendejas VK 1
76602 TR 7:45AM - 9:10AM Mendoza VK 1
76584 TR 10:55AM - 12:20PM Buss VK 1
76615 TR 5:25PM - 6:50PM Hsu VK 1

KIN 038A  Lower Body Conditioning Introduction  (1.0 Lab)
This course is designed to improve middle and lower extremity muscular strength, condition, and shape at the introductory level. Pass/No Pass Option. Transfer: CSU/UC
75604 MW 10:55AM - 12:20PM Mendoza GYM

KIN 038B  Lower Body Conditioning Beginning  (1.0 Lab)
This course is designed to improve middle and lower extremity muscular strength, condition, and shape for the beginning level of lower body conditioning. Pass/No Pass Option. Transfer: CSU/UC
76708 MW 10:55AM - 12:20PM Mendoza GYM

KIN 038C  Lower Body Conditioning - Intermediate  (1.0 Lab)
This course is designed to improve middle and lower extremity muscular strength, condition, and shape at the intermediate level. Pass/No Pass Option. Transfer: CSU/UC
76710 MW 10:55AM - 12:20PM Mendoza GYM

KIN 038D  Lower Body Conditioning Advanced  (1.0 Lab)
This course is designed to improve middle and lower extremity muscular strength, condition, and shape for the advanced level of lower body conditioning. Pass/No Pass Option. Transfer: CSU/UC
76712 MW 10:55AM - 12:20PM Mendoza GYM

KIN 038E  Lower Body Conditioning - Endurance Training  (1.0 Lab)
This course is designed for the introductory, intercollegiate level of lower body conditioning. Students improve middle and lower extremity training through muscular strength and endurance training and cardio conditioning. Pass/No Pass Option. Transfer: CSU/UC
76632 MW 3:40PM - 5:05PM Ponce FLD
75727 TR 3:40PM - 5:05PM Hill FLD

KIN 038F  Lower Body Conditioning - Speed Training  (1.0 Lab)
Advisory: KIN 038E This course is designed to improve middle and lower extremity speed training for the beginning intercollegiate level of lower body conditioning. Pass/No Pass Option. Transfer: CSU/UC
76222 MW 3:40PM - 5:05PM Hill FLD

KIN 039A  Fire Agility - Introduction  (2.0 Lab)
This course introduces the student to the specific skills required to pass a physical agility firefighting test. Emphasis is on improving both cardiovascular anaerobic endurance as well as muscle strength and endurance. Intense resistance training, anaerobic and cardiovascular workouts are employed. Non-Fire Technology students are also welcome. Pass/No Pass Option. Transfer: CSU/UC
75728 MW 7:00AM - 10:10AM Bugg VK 1

KIN 039B  Fire Agility - Beginning  (2.0 Lab)
This course allows the student to build on the specific skills required to pass a physical agility firefighting test. Resistance training, plyometrics and cardiovascular workouts are employed. Non-Fire Technology students are also welcome. Pass/No Pass Option. Transfer: CSU/UC
75729 MW 7:00AM - 10:10AM Bugg VK 1

KIN 039C  Fire Agility - Intermediate  (2.0 Lab)
This course allows the student to build on the specific skills required to successfully pass the CPAT and other physical agility firefighting test. Emphasis is on intermediate fitness training techniques. Non-Fire Technology students are also welcome. Pass/No Pass Option. Transfer: CSU/UC
75730 MW 7:00AM - 10:10AM Bugg VK 1

KIN 039D  Fire Agility: Advanced  (2.0 Lab)
This course covers the advanced skills and techniques designed to enhance the overall fitness level of the Fire Technology student in order to prepare them to successfully complete the CPAT and other fire agencies physical agility
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Meeting Times</th>
<th>Location</th>
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<tbody>
<tr>
<td>KIN 040A</td>
<td>Modern Dance - Introduction</td>
<td>TR 2:05PM - 3:30PM</td>
<td>Abohatab VK 8</td>
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<tr>
<td>KIN 040B</td>
<td>Modern Dance - Beginning</td>
<td>TR 2:05PM - 3:30PM</td>
<td>Abohatab VK 8</td>
</tr>
<tr>
<td>KIN 040C</td>
<td>Modern Dance - Intermediate</td>
<td>TR 2:05PM - 3:30PM</td>
<td>Abohatab VK 8</td>
</tr>
<tr>
<td>KIN 041A</td>
<td>Ballet - Introduction</td>
<td>TR 5:25PM - 6:50PM</td>
<td>Wundram VK 2</td>
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<tr>
<td>KIN 041B</td>
<td>Ballet - Beginning</td>
<td>TR 5:25PM - 6:50PM</td>
<td>Wundram VK 2</td>
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<tr>
<td>KIN 041C</td>
<td>Ballet - Intermediate</td>
<td>TR 5:25PM - 6:50PM</td>
<td>Wundram VK 2</td>
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<td>KIN 041D</td>
<td>Ballet - Advanced</td>
<td>TR 5:25PM - 6:50PM</td>
<td>Wundram VK 2</td>
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<tr>
<td>KIN 042A</td>
<td>Latin Dance/Salsa - Introduction</td>
<td>TR 5:25PM - 6:50PM</td>
<td>Wundram VK 2</td>
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<tr>
<td>KIN 042B</td>
<td>Latin Dance/Salsa - Beginning</td>
<td>TR 5:25PM - 6:50PM</td>
<td>Wundram VK 2</td>
</tr>
</tbody>
</table>

This course is designed to introduce the student to various ballroom dances. Alignment and posture, etiquette, and spontaneous leading and following are emphasized. Pass/No Pass Option. Transfer: CSU/UC

This course introduces students to the discipline, aesthetics, traditions, and historical background of classical ballet. Pass/No Pass Option. Transfer: CSU/UC

This course is designed for advanced level dancers to practice the discipline of ballet including improving technique and performance skills. This course is the study and practice of the discipline of ballet including improving technique and performance skills. Historical background, traditions and etiquette are also covered. Pass/No Pass Option. Transfer: CSU/UC

This course is designed for beginning level dancers to practice the discipline of ballet including improving technique and performance skills. Historical background, traditions and etiquette are also covered. Pass/No Pass Option. Transfer: CSU/UC

This course is designed to introduce the student to selected Latin and rhythm dances. There is an emphasis on alignment and posture, etiquette, and leading and following. Pass/No Pass Option. Transfer: CSU/UC

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

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

This course is the study and practice of the discipline of ballet including improving technique and performance skills. Historical background, traditions and etiquette are also covered. Pass/No Pass Option. Transfer: CSU/UC

This course is designed for advanced level dancers to practice the discipline of ballet including improving technique and developing higher level performance skills. Pass/No Pass Option. Transfer: CSU/UC

This course is designed for beginning level dancers to practice the discipline of ballet including improving technique and performance skills. Historical background, traditions and etiquette are also covered. Pass/No Pass Option. Transfer: CSU/UC

This course is designed for advanced level dancers to practice the discipline of ballet including improving technique and developing advanced level performance skills. Pass/No Pass Option. Transfer: CSU/UC

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

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

This is an advanced level course covering various ballroom dances. Advanced techniques for styling and performance are emphasized. Pass/No Pass Option. Transfer: CSU/UC

This intermediate ballroom dance course covers various ballroom dances with an emphasis on technique, styling and performance skills that are specific to each dance. Pass/No Pass Option. Transfer: CSU/UC

This course introduces students to various ballroom dances. Alignment and posture, etiquette, and spontaneous leading and following are emphasized. Pass/No Pass Option. Transfer: CSU/UC

This course is designed for beginning level steps, positions of the body, and basics of styling for the various dances. Pass/No Pass Option. Transfer: CSU/UC
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 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 8/25 - 12/15

75759 S 9:00AM - 12:10PM Santos VK 2

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 8/25 - 12/15

75762 S 9:00AM - 12:10PM 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

75764 W 7:00PM - 10:10PM 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

75765 W 7:00PM - 10:10PM 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

75766 W 7:00PM - 10:10PM Santos VK 2

KIN 053A Karate - Introduction (1.0 Lab)
This class introduces students to the Okinawan/Japanese martial art of Wado Ki Kai Karate. Emphasis is on blocks, strikes, kicking movements, traditional forms from the Taikyoko and Pinan series, and self-defense. Pass/No Pass Option. Transfer: CSU/UC

75767 TR 2:05PM - 3:30PM Nakamura VK 8

KIN 053B Karate - Beginning (1.0 Lab)
This class reviews the fundamentals of the Okinawan/Japanese martial art of Wado Ki Kai Karate. Emphasis is on refinement of the student’s skills and the combining of techniques at an intermediate level. Pass/No Pass Option. Transfer: CSU/UC

75768 TR 2:05PM - 3:30PM Nakamura VK 8

KIN 053C Karate - Intermediate (1.0 Lab)
This class reviews the fundamentals of the Okinawan/Japanese martial art of Wado Ki Kai Karate. Emphasis is on the refinement of the student’s skills and the combining of techniques at an intermediate level. Pass/No Pass Option. Transfer: CSU/UC

75769 TR 2:05PM - 3:30PM Nakamura VK 8

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

75770 MW 12:30PM - 1:55PM 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

75771 MW 12:30PM - 1:55PM Santos VK 2

KIN 061A Hatha Yoga - Introduction (1.0 Lab)
This class provides instruction in the physical practice of yoga at an introductory level. 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

75782 MW 10:55AM - 12:20PM Buss VK 8

KIN 061B Hatha Yoga - Beginning (1.0 Lab)
This course introduces the student to the fundamentals and health enhancing aspects of 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

75786 TR 9:20AM - 10:45AM Wundram VK 8

KIN 061C Hatha Yoga - Intermediate (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

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**ONLINE FALL CLASSES:** At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com

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### FALL SESSION COURSES

**KIN 063A** Hiking - Introduction (1.0 Lab)
This course introduces the student to basic hiking techniques as well as various hiking facilities in the local community. Every session includes a warm-up as well as a cool-down after a vigorous hike. Pass/No Pass Option. **Transfer: CSU/UC** 8/25 - 12/15

75792 S 8:00AM - 11:10AM Buteau MT 19

**KIN 063B** Hiking - Beginning (1.0 Lab)
This course reviews basic hiking techniques and safety precautions, and introduces students to the challenges of moderate level hiking facilities in the local community. Proper warm-up and cool-down specifically related to hiking are covered. Pass/No Pass Option. **Transfer: CSU/UC** 8/25 - 12/15

75793 S 8:00AM - 11:10AM Buteau MT 19

**KIN 063C** Walk / Jog for Fitness - Introduction (1.0 Lab)
This course introduces the student to elementary walking and jogging. Students improve aerobic and muscular fitness. Proper warm-up, stretching, and cool down are introduced. Fitness goals are established and monitored throughout the course. Pass/No Pass Option. **Transfer: CSU/UC** 8/25 - 12/15

75794 S 8:00AM - 11:10AM Buteau MT 19

**KIN 078** Introduction to Kinesiology (3.0 Lecture)
This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. Pass/No Pass Option. **Transfer: CSU/UC**

75797 TR 10:55AM - 12:20PM Mendoza MT 20
75798 R 7:00PM - 10:10PM Buss MT 20

**KIN 086** Intercollegiate Basketball (3.0 Lab)
This course is designed to allow the student the opportunity to play intercollegiate basketball. Aspects covered include skill development, teamwork, and team strategies. Skill and ability should be commensurate with this level of competition. Pass/No Pass Option. **Transfer: CSU/UC**

75799 MTWRF 2:05PM - 3:30PM Cafferata GYM

**KIN 093** Softball - Intercollegiate Training (2.0 Lab)
Advisory: Recommended High School or travel softball experience. This course provides the student with the opportunity to master the specific individual skills, team techniques and strategies of softball. Pass/No Pass Option. **Transfer: CSU/UC**

76380 MTWR 2:05PM - 3:30PM Ponce FLD

**KIN 094** Tennis - Intercollegiate Training (1.0 Lab)
Advisory: Recommended High School or Tournament experience. This course is designed to develop a highly conditioned body for strength, flexibility, and endurance for the competing varsity tennis player. Pass/No Pass Option. **Transfer: CSU/UC**

76582 M 2:05PM - 5:15PM Buss CRTS
75666 R 7:00PM - 10:10PM Gonzales CRTS

**KIN 097** Baseball - Intercollegiate Training (2.0 Lab)
This course is designed to provide an opportunity for men with advanced baseball skills to participate in and learn an activity geared to their level of ability. Pass/No Pass Option. **Transfer: CSU/UC**

75800 MTWR 2:05PM - 3:30PM Hill FLD

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### LVN to RN (LVN)

**LVN 031** Community Mental Health Nursing (2.0 Lecture)
Prerequisite: ENG 001A, LVN 021A. Corequisite: LVN 032, LVN 033, and LVN 034. Students must attain the minimum grade of 75% average. This course is designed to present mental health principles to assist the nursing student in developing an increased understanding of human behavior related to a variety of psychiatric and mental health disorders. This course is designed to provide theoretical and clinical approaches in providing nursing care to individuals of varying ages, with complex health care needs in the community setting. **Transfer: CSU**

75502 M 8:00AM - 10:20AM Berkley GC 320

**LVN 032** Intermediate Medical-Surgical Nursing Theory (3.0 Lecture)
Prerequisite: LVN 021A. Corequisite: LVN 031, LVN 032, LVN 033, LVN 034. Students will be required to maintain a 75% average. The student learns to synthesize and correlate nursing knowledge and skills in the provision of care to multiple patients who have complex, multi-system illnesses. The focus is on helping students learn to identify and anticipate patient needs and priorities, and evaluate outcomes of care. The nursing care of adult and geriatric clients with acute and chronic illnesses is addressed. **Transfer: CSU**

75505 W 8:00AM - 11:10AM Wang GC 225

**LVN 033** Introduction to Clinical Judgment (1.0 Lab)
Prerequisite: and Completion of ENG 001A. Prerequisite: LVN 021A. Corequisite: LVN 032, LVN 031. This course integrates nursing theory and clinical learning experiences through the use of case studies, clinical narratives, participation in clinical simulation scenarios with computerized manikins, and class discussion. This simulated clinical experience enhances the student’s nursing theory course classroom learning. The emphasis is on the role of the registered nurse in caring for acute medical-surgical and geriatric patients with acute and chronic problems in the nursing simulation lab. Pass/No Pass Option. **Transfer: CSU**

75506 T 8:00AM - 11:10AM Wang GC 225
75507 T 11:30AM - 2:40PM Wang GC 225

**LVN 034** Intermediate Clinical Practicum (4.0 Lab)
Prerequisite: ENG 001A, Prerequisite: LVN 021 and Prerequisite: LVN 021A Students must complete all nursing course with 75% score or higher Corequisite: LVN 031, Corequisite: LVN 032 and Corequisite: LVN 033 Students must complete all nursing course with 75% score or higher This course provides the nursing student with directed clinical experiences in acute care hospitals and a variety of community healthcare agencies for adult and geriatric patients/clients who have acute or chronic medical-surgical and mental health/psychiatric illnesses. Pass/No Pass Only. **Transfer: CSU**

75508 RF 6:30AM - 2:00PM Berkeley OFF
NOTE: This class requires students to meet at multiple off-campus locations. 14 hrs/wk at Clinical Agency to be assigned by Program Director.
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.

### Learning Services (LSR)

**LSR 900 Strategies for Basic Skills Math (3.0 Lab)**
This course is an introduction to basic skills math to assist in the completion of certificated programs. Pass/No Pass Option.

<table>
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<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<td>MW</td>
<td>9:20AM - 10:45AM</td>
<td>Pittman MT 12</td>
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<td>76355</td>
<td>MW</td>
<td>12:40PM - 2:35PM</td>
<td>Patel MT 9</td>
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**LSR 940 Learning Strategies for Basic Writing Skills (3.0 Lecture)**
This course stresses the practical application of compensatory strategies for students with written language difficulties. Pass/No Pass Option.

<table>
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<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>76051</td>
<td>TR</td>
<td>10:55AM - 12:00PM</td>
<td>Bowman GC 325</td>
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**LSR 941 Learning Strategies**
This is an introductory course stressing learning strategies for students with disabilities. Pass/No Pass Option.

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<td>TR</td>
<td>9:20AM - 10:45AM</td>
<td>Constantin GC 306</td>
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**LSR 942A Learning Services Math Strategies (3.0 Lecture)**
This course is an introduction to mathematics strategies for students who have had difficulty mastering the basic concepts of mathematics, such as fractions, variables, and simple equations. Pass/No Pass Option.

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**LSR 942B Learning Services Math Strategies (3.0 Lecture)**
This course is the second of a two-course sequence covering mathematics strategies for students with who have had difficulty mastering the basic concepts of decimals, ratios/proportions, and percents. Pass/No Pass Option.

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<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>74365</td>
<td>TR</td>
<td>10:55AM - 12:20PM</td>
<td>Constantin MT 12</td>
<td></td>
</tr>
</tbody>
</table>

**LSR 943 Negotiating the College Web and Technology Environment (3.0 Lecture)**
An introductory course designed for students with perceptual, physical, communication, or learning challenges who wish to obtain 1.) basic information regarding negotiating the college course management system, 2.) keyboarding skills and 3.) the use of assistive technology specific to their challenges. Pass/No Pass Option.

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>76337</td>
<td>MW</td>
<td>2:15PM - 3:45PM</td>
<td>Constantin GC 303</td>
<td></td>
</tr>
<tr>
<td>76057</td>
<td>TR</td>
<td>12:40PM - 2:05PM</td>
<td>Pittman CC 240TC1</td>
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</tbody>
</table>

**LSR 950 Assistive Technology Lab (1.0 Lab)**
This course is designed to offer students with disabilities an opportunity to practice compensating strategy techniques in a laboratory setting. Pass/No Pass Option.

<table>
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<th>CRN</th>
<th>Days</th>
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<th>Instructor</th>
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<td>MW</td>
<td>10:55AM - 12:20PM</td>
<td>Pittman CC 240TC1</td>
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</tr>
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</table>

**Library (LIB)**

**LIB 010 Information Competency (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, and presenting information and the legal and ethical aspects of research. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>75431</td>
<td>T</td>
<td>10:55AM - 12:00PM</td>
<td>Bowman GC 325</td>
<td></td>
</tr>
</tbody>
</table>

**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

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<tr>
<th>CRN</th>
<th>Days</th>
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<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>76531</td>
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</table>

**Math (MAT)**

**MAT 00C 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.

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>74637</td>
<td>W</td>
<td>8:15AM - 10:45AM</td>
<td>Pittman GC 304</td>
<td></td>
</tr>
</tbody>
</table>

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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MAT 000CM</td>
<td>MTWR</td>
<td>9:20AM - 11:15AM</td>
<td>Porta-Vallejo</td>
<td>MT 22</td>
</tr>
<tr>
<td>MAT 000CM</td>
<td>MW</td>
<td>10:00AM - 12:30PM</td>
<td>Iverson</td>
<td>MT 23</td>
</tr>
<tr>
<td>MAT 000CM</td>
<td>MTWR</td>
<td>11:05AM - 12:15PM</td>
<td>Vu</td>
<td>SCI 120</td>
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<td>MAT 000CM</td>
<td>MW</td>
<td>12:40PM - 3:10PM</td>
<td>Cao</td>
<td>MT 24</td>
</tr>
<tr>
<td>MAT 000CM</td>
<td>TR</td>
<td>6:00PM - 7:30PM</td>
<td>Carr</td>
<td>GC 322</td>
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<tr>
<td>MAT 000CM</td>
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<td>8:15AM - 10:45AM</td>
<td>Nakahama</td>
<td>GC 320</td>
</tr>
<tr>
<td>MAT 000CM</td>
<td>TR</td>
<td>10:00AM - 12:30PM</td>
<td>Evans</td>
<td>GC 302</td>
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<td>MAT 000CM</td>
<td>TR</td>
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<td>Hwang</td>
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<tr>
<td>MAT 000CM</td>
<td>TR</td>
<td>2:10PM - 4:40PM</td>
<td>Retterath</td>
<td>MT 19</td>
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<tr>
<td>MAT 000CM</td>
<td>TR</td>
<td>6:00PM - 8:30PM</td>
<td>Dinh</td>
<td>GC 304</td>
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<tr>
<td>MAT 000CM</td>
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**MAT 000CM Intermediate Algebra (MAPS) (5.0 Lecture)**

Prerequisite: MAT 000CM or successful placement into the course based on the Mission College Mathematics Placement Exam and an interview with the MAPS counselor. 

This college-level course in algebra covers the following topics: polynomial, rational, radical, exponential, absolute value, logarithmic and exponential functions, conic sections, sequences and series, linear systems and inequalities, and applied problems. Concurrent enrollment in MAT 000CM is mandatory.

Transfer: CSU

**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 000MX 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

**MAT 0001 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, logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Pass/No Pass Option.

Transfer: CSU/UC
ONLINE FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.canvas.net. For the latest class schedule information, visit mywvm.wvm.edu or schedule.missioncollege.edu.

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

74657 MTWR 10:00AM - 11:25AM Zhou GC 202
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. 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

74671 MTWR 8:15AM - 9:25AM Lam GC 302
NOTE: Students taking this section must have access to the internet and must obtain a WebAssign access code.

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

74691 TR 4:45PM - 6:05PM Lavallo GC 303
NOTE: Students taking this section must have access to the internet and must obtain a WebAssign access code.

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

74694 TR 4:45PM - 6:50PM Lavallo GC 303
NOTE: Students taking this section must have access to the internet and must obtain a WebAssign access code.

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

74796 MW 12:40PM - 2:45PM Lavallo GC 302
NOTE: Students taking this section must have access to the internet, and must obtain MyMathLab access code. The access code includes an online textbook.

MAT 010 Elementary Statistics (4.0 Lecture)
Prerequisite: MAT 000C or Prerequisite: MAT 000CM or successful placement into the course by 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

74789 MW 10:25AM - 12:30PM Evans GC 219
74792 MW 12:40PM - 2:45PM Reed GC 326
NOTE: Students taking this section must have access to the internet and must obtain a MyStatLab access code. The access code includes an online textbook.

74790 MW 6:00PM - 8:05PM Musat GC 308
NOTE: Students taking this section must have access to the internet and must obtain a MyStatLab access code. The access code includes an online textbook.

74794 TR 9:20AM - 11:25AM Sklar GC 205
NOTE: Students taking this section must have access to the internet and must obtain a MyStatLab access code. The access code includes an online textbook.

74795 TR 12:40PM - 2:45PM Purdum GC 226
NOTE: Students taking this section must have access to the internet and must obtain a MyStatLab access code. The access code includes an online textbook.

74791 TR 4:45PM - 6:50PM Nakahama GC 320
NOTE: Students taking this section must have access to the internet and must obtain a MyStatLab access code. The access code includes an online textbook.

74793 S 9:00AM - 1:15PM Low GC 302
NOTE: Students taking this section must have access to the internet and must obtain a MyStatLab access code. The access code includes an online textbook.

76036 ONLINE Musat
NOTE: This section meets ONLINE using Canvas (https://wvm.instructure.com) and requires mandatory ON-CAMPUS meets on: 1) August 28 from 4:30 to 6:30pm in Room: GC-204, 2) September 25 from 4:30 to 6:30pm in Room: GC-204, 3) November 6 from 4:30 to 6:30pm in Room: GC-204, & 4) December 13 from 4:30 to 6:30pm in Room: GC-204. Class Material Needed: Michael Sullivan, *Fundamentals of Statistics, Fifth Edition, Pearson/Prentice Hall &
ONLINE FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wvm.instructure.com and MyMathLab (MML) via the internet. Students have the choice of buying only the MML access code since MML provides an online textbook.

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.

NOTE: This section meets ONLINE using Canvas (wvm.instructure.com) and requires mandatory ON-CAMPUS meeting on:
- 1) August 28 from 7 to 9 PM in Room: GC-308, 2) September 12 from 7 to 9 PM in Room: GC-308, 3) November 6 from 7 to 9 PM in Room: GC-308, 4) December 13 from 7 to 9 PM in Room: GC-308.

Class Material Needed: Prealgebra - Bittinger, Ellenbogen, Johnson - Seventh Edition. If you would like to find more about this section, please contact the instructor at carmen.musat@comcast.net.

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

74699 MW 9:20AM - 11:25AM Tanniru SEC 216
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.

74697 MW 6:00PM - 8:05PM Dinh GC 110
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.

74700 TR 12:40PM - 2:45PM Lavallo GC 227
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

74703 MW 4:45PM - 6:50PM Iverson GC 304

74702 TR 10:25AM - 12:30PM Retterath GC 304

MAT 902 Pre-Algebra (4.0 Lecture)
Prerequisite: MAT 900 or successful placement into MAT 902 based on the Mission College Mathematics Placement Exam Advisory: MAT 901 can be taken as additional preparation for MAT 902 if needed, but is not a substitute for MAT 900. This course is designed for those students who have a solid foundation in arithmetic skills but need to develop those skills further before taking Elementary Algebra. Pass/No Pass Option.

74712 MW 10:25AM - 12:30PM Lavallo MT 8
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.

74713 MW 12:40PM - 2:45PM Purdom GC 229
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.

74714 MW 6:00PM - 8:05PM Sundaresan GC 229
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.

74700 TR 12:40PM - 2:45PM Babu MT 21
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.

74710 TR 6:00PM - 8:05PM Sofia GC 226
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.

76035 ONLINE Musat
NOTE: This section meets ONLINE using Canvas (wvm.instructure.com) and requires mandatory ON-CAMPUS meeting on:
- 1) August 28 from 7 to 9 PM in Room: GC-308, 2) September 25 from 7 to 9 PM in Room: GC-308, 3) November 6 from 7 to 9 PM in Room: GC-308, 4) December 13 from 7 to 9 PM in Room: GC-308.

Class Material Needed: Prealgebra - Bittinger, Ellenbogen, Johnson - Seventh Edition. If you would like to find more about this section, please contact the instructor at carmen.musat@comcast.net.

MAT 903 Elementary Algebra (5.0 Lecture)
Prerequisite: MAT 902 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.

74721 MW 8:15AM - 10:45AM Low 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.

74720 MTWR 9:20AM - 10:30AM Vu MT 21
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.

74729 MTWR 9:20AM - 11:55AM Porra-Vallejo MT 22
NOTE: This class meets 8 weeks from 8/27/2018 to 10/17/2018. This class is for students in the STEM Core accelerated pathway designed to get students ready for Calculus and to complete English 1A in one year. For more information, please contact emily.oberheim@missioncollege.edu.
ONLINE FALL CLASSES: At the start of the term, registered students should access online courses via Canvas at wv.missioncollege.edu. Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.

MAT 909 Integrated Statistics I (5.0 Lecture)
Prerequisite: MAT 902 or higher or satisfactory score on an appropriate Mathematics Placement Test. This is the first of two courses in the Statway sequence. Students study probability, descriptive statistics, linear regression and applications. Current statistical technology packages are used. This sequence is recommended for students with majors that require no mathematics beyond freshman-level statistics. Successful completion of both MAT 909 and MAT 009 is required to satisfy CSU and UC transferability. Pass/No Pass Option.

74740 M 8:34AM - 9:26AM McComb OFF
NOTE: Classes meet Off campus at Fremont High School in Room P7, on Mondays 08:34AM - 09:26AM; Tuesdays 09:19AM - 10:48AM; Thursdays 09:36AM - 11:11AM.
T 9:19AM - 10:48AM McComb OFF
R 9:36AM - 11:11AM McComb OFF

74735 MW 5:00PM - 7:30PM Sklar MT 12
74736 TR 12:40PM - 3:10PM Cao GC 305

Music (MUS)

MUS 005 Fundamentals of Music Theory (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 054. Advisory: MUS 090. This is a course 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

75328 TR 12:40PM - 2:05PM Johnson GC 302
75330 TR 2:15PM - 3:40PM Johnson GC 302
75329 T 6:30PM - 9:40PM Johnson GC 302

MUS 006 Commercial Music Theory I (3.0 Lecture)
Advisory: MUS 005 This is a beginning-level course in commercial music theory intended for students pursuing a certificate in music. Topics include: basic song construction, use of diatonic harmony, analysis of popular song form and harmonic progressions, and the use of music notation software to create lead sheets. Pass/No Pass Option. Transfer: CSU/UC

75331 TR 3:50PM - 5:15PM Johnson GC 302

MUS 007 Commercial Music Theory II (3.0 Lecture)
Prerequisite: MUS 006 This is an intermediate-level course in music theory intended for students pursuing a certificate in music. Topics include: advanced song construction, use of chord extensions, chord substitutions, analysis of scores for film and video games, basic orchestration and the use of music notation software to create multi-part scores. Pass/No Pass Option. Transfer: CSU/UC

75332 TR 3:50PM - 5:15PM Johnson GC 302

MUS 008 Commercial Music Theory III (3.0 Lecture)
Prerequisite: MUS 007 This is an advanced-level course in harmony and musicianship intended for students pursuing a certificate in music. Topics include: arranging, orchestration and the use of music notation software to create finished scores for publication. Pass/No Pass Option. Transfer: CSU/UC

75333 TR 3:50PM - 5:15PM Johnson GC 302
### 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

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75334</td>
<td>TR</td>
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<td>Ordaz</td>
<td>GC 103</td>
</tr>
<tr>
<td>75335</td>
<td>ONLINE</td>
<td>Ordaz</td>
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</table>

NOTE: 3.3 online wkly hrs. This is a hybrid course. A Students taking this section must have access to the internet. A Students must attend on-campus class sessions on Thursday, August 30 from 5:30 - 6:30pm and Thursday, December 13 from 5:30 - 6:30 in room, GC 103. A 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 musicians, composers, and the important social and musical forces influencing the development of Rock. Pass/No Pass Option. Transfer: CSU/UC

<table>
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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75336</td>
<td>ONLINE</td>
<td>Johnson</td>
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</table>

NOTE: 3.3 online hours per week. This is an online course. Students taking this section must have access to the internet. There is an online orientation Monday, Aug 27, from 9:00-10:00 PM. Join the Discussion Forum at our Canvas Page under Modules. If you are trying to add this section on or after the class starts you must contact the instructor directly at keithjohnson@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 the transformative power of music, music and memory, musical performance and improvisation, music as ritual and 1950’s America through the current music scene. Principal study is of the music, its styles and performance practices, its musicians, composers, and the important social and musical forces influencing the development of Rock. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75337</td>
<td>ONLINE</td>
<td>Johnson</td>
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</table>

NOTE: This is a late-start 8 week class that is delivered completely online (54.4 total online contact hours). There is an online orientation Monday, October 15, from 9:00-10:00 PM. Join the Discussion Forum by logging onto Canvas and posting a comment on the special orientation forum, find under Modules. You'll have access to our Canvas Class Page beginning Friday, October 12th. If you are trying to add this section on or after the class starts (Oct 15) you contact the instructor directly at keithjohnson@missioncollege.edu.

### MUS 018  Vocal Production  (3.0 Lecture)
This 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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75338</td>
<td>ONLINE</td>
<td>Hawkins</td>
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</tbody>
</table>

NOTE: Concurrent enrollment in MUSIC 090.

### 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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75339</td>
<td>M</td>
<td>7:00PM - 7:30PM</td>
<td>Ordaz</td>
<td>GC 125</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>7:30PM - 9:05PM</td>
<td>Ordaz</td>
<td>GC 125</td>
</tr>
</tbody>
</table>

NOTE: Concurrent enrollment in MUSIC 090.

### 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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>75340</td>
<td>S</td>
<td>9:30AM - 10:00AM</td>
<td>Drion</td>
<td>GC 125</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>10:00AM - 11:35AM</td>
<td>Drion</td>
<td>GC 125</td>
</tr>
</tbody>
</table>

8/25 - 12/15

### 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

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>75341</td>
<td>M</td>
<td>7:00PM - 7:30PM</td>
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<tr>
<td></td>
<td>M</td>
<td>7:30PM - 9:05PM</td>
<td>Ordaz</td>
<td>GC 125</td>
</tr>
</tbody>
</table>

NOTE: Concurrent enrollment in MUSIC 090.

### MUS 031B  Intermediate Piano II  (0.5 Lecture/0.5 Lab)
Advisory: MUS 031A. Corequisite: MUS 090. Continuation of MUS 030A & 030B, in which students continue the development of keyboarding skills. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
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<td>75342</td>
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<td>10:00AM - 11:35AM</td>
<td>Drion</td>
<td>GC 125</td>
</tr>
</tbody>
</table>

8/25 - 12/15

### 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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>75343</td>
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<td>MT 13</td>
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<tr>
<td></td>
<td>M</td>
<td>7:30PM - 9:05PM</td>
<td>Ector</td>
<td>MT 13</td>
</tr>
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</table>

NOTE: Concurrent enrollment in MUSIC 090.

### 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

<table>
<thead>
<tr>
<th>CRN</th>
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<td>M</td>
<td>7:30PM - 9:05PM</td>
<td>Ector</td>
<td>MT 13</td>
</tr>
</tbody>
</table>

NOTE: Concurrent enrollment in MUSIC 090.
### MUS 036A Beginning Guitar I (0.5 Lecture/0.5 Lab)
Advisory: MUS 090, Eligibility for ENG 001A and REA 054. This is a beginning course in guitar. Emphasis is on music reading, playing in basic positions, scales, chords, and major and minor keys. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>75345</td>
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<td>7:00PM - 7:30PM</td>
<td>Johnson MT 13</td>
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<td>R</td>
<td>7:30PM - 9:05PM</td>
<td>Johnson MT 13</td>
<td></td>
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</table>

### MUS 036B Beginning Guitar II (0.5 Lecture/0.5 Lab)
Prerequisite: MUS 036A. Advisory: MUS 090. This beginning/intermediate level course in guitar is for students who have successfully completed MUS 036A. Emphasis is on music reading, playing in advanced basic positions, scales, chords, and major and minor keys. Pass/No Pass Option. Transfer: CSU/UC

<table>
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<tr>
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<th>Location</th>
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<tbody>
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<td>Johnson MT 13</td>
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<td>R</td>
<td>7:30PM - 9:05PM</td>
<td>Johnson MT 13</td>
</tr>
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</table>

### MUS 036C Intermediate Guitar I (0.5 Lecture/0.5 Lab)
Prerequisite: MUS 036B. Advisory: MUS 090. This is an advanced-intermediate course in guitar. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<th>CRN</th>
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<th>Location</th>
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<tbody>
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<td>Johnson MT 13</td>
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<td>R</td>
<td>7:30PM - 9:05PM</td>
<td>Johnson MT 13</td>
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</tbody>
</table>

### MUS 036D Intermediate Guitar II (0.5 Lecture/0.5 Lab)
Prerequisite: MUS 036C. Advisory: MUS 090. This is an advanced-intermediate course in guitar. Pass/No Pass Option. Transfer: CSU/UC

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<tbody>
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<td>R</td>
<td>7:30PM - 9:05PM</td>
<td>Johnson MT 13</td>
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</tbody>
</table>

### MUS 039A Advanced Piano Masterclass I (0.5 Lecture/0.5 Lab)
Advisory: MUS 090, Eligibility for ENG 001A and REA 054. This course is designed for advanced piano students previously enrolled in MUS 039B. Advisory: MUS 090. This course is designed for advanced piano students previously enrolled in MUS 039B. This course is designed for advanced piano students studying a variety of repertoire, musical styles and performance practices from the Baroque Period to 20th Century. Students will participate in discussion of piano repertoire and preparation for live performances. Pass/No Pass Option. Transfer: CSU/UC

<table>
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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75349</td>
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<td>Ordaz GC 103</td>
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<tr>
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<td>R</td>
<td>7:15PM - 9:40PM</td>
<td>Ordaz GC 103</td>
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</table>

### MUS 039B Advanced Piano Masterclass II (0.5 Lecture/0.5 Lab)
Prerequisite: MUS 039A. Advisory: MUS 090. This course is designed for advanced piano students previously enrolled in MUS 039B. This course is designed for advanced piano students studying a variety of repertoire, musical styles and performance practices from the Baroque Period to 20th Century. Students will participate in discussion of piano repertoire and preparation for live performances. Pass/No Pass Option. Transfer: CSU/UC

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<th>CRN</th>
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<td>R</td>
<td>7:15PM - 9:40PM</td>
<td>Ordaz GC 103</td>
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</tbody>
</table>

### MUS 039C Advanced Piano Masterclass III (0.5 Lecture/0.5 Lab)
Prerequisite: MUS 039B. Advisory: MUS 090. This course is designed for advanced piano students previously enrolled in MUS 039B. This course is designed for advanced piano students studying a variety of repertoire, musical styles and performance practices from the Baroque Period to 20th Century. Students will participate in discussion of piano repertoire and preparation for live performances. Pass/No Pass Option. Transfer: CSU/UC

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<th>CRN</th>
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<tbody>
<tr>
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<td>R</td>
<td>7:15PM - 9:40PM</td>
<td>Ordaz GC 103</td>
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</tbody>
</table>

### MUS 039D Advanced Piano Masterclass IV (0.5 Lecture/0.5 Lab)
Prerequisite: MUS 039C. Advisory: MUS 090. This is a piano performance course for advanced piano students. Emphasis is placed on developing repertoire and performance skills to prepare for a final piano concerto performance. Pass/No Pass Option. Transfer: CSU/UC

### MUS 041A Mission Chorus I (1.0 Lab)
Advisory: MUS 090, Eligibility for ENG 001A and REA 054. Mission Chorus is an ensemble of mixed voices that performs a wide variety of choral repertoire from classical to contemporary. Students participate in public performances. Placement auditions are held before the first day of class. Pass/No Pass Option. Transfer: CSU/UC

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75351</td>
<td>T</td>
<td>7:00PM - 10:00PM</td>
<td>Ector GC 103</td>
</tr>
</tbody>
</table>

### MUS 041B Mission Chorus II (1.0 Lab)
Advisory: MUS 090, Eligibility for ENG 001A and REA 054. Mission Chorus II is an ensemble of mixed voices that performs a wide variety of choral repertoire from classical to contemporary. Students participate in public performances. Placement auditions are held before the first day of class. Pass/No Pass Option. Transfer: CSU/UC

<table>
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<tr>
<th>CRN</th>
<th>Days</th>
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<th>Location</th>
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<tbody>
<tr>
<td>75352</td>
<td>T</td>
<td>7:00PM - 10:00PM</td>
<td>Ector GC 103</td>
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</table>

### MUS 041C Mission Chorus III (1.0 Lab)
Advisory: MUS 090, Eligibility for ENG 001A and REA 054. Mission Chorus III is an ensemble of mixed voices that performs a wide variety of choral repertoire from classical to contemporary. Students participate in public performances. Placement auditions are held before the first day of class. Pass/No Pass Option. Transfer: CSU/UC

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<th>CRN</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>75354</td>
<td>T</td>
<td>7:00PM - 10:00PM</td>
<td>Ector GC 103</td>
</tr>
</tbody>
</table>

### MUS 041D Mission Chorus IV (1.0 Lab)
Advisory: MUS 090, Eligibility for ENG 001A and REA 054. Mission Chorus IV is an ensemble of mixed voices that performs a wide variety of choral repertoire from classical to contemporary. Students participate in public performances. Placement auditions are held before the first day of class. Pass/No Pass Option. Transfer: CSU/UC

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>75355</td>
<td>T</td>
<td>7:00PM - 10:00PM</td>
<td>Ector GC 103</td>
</tr>
</tbody>
</table>
MISSION COLLEGE  FALL SESSION COURSES  2018 Schedule of Classes

MUS 048A  Symphony Orchestra I  (1.0 Lab)
Transfer: CSU/UC  8/25 - 12/15
75365 S  9:20AM - 12:30PM Ordaz  MT 13

MUS 048B  Symphony Orchestra II  (1.0 Lab)
Prerequisite: MUS 048A. Performance of symphonic and repertoire of all styles and periods. Emphasis is on group participation and public performance. Attendance at all public performance required. Enrollment by audition. Pass/No Pass Option.
Transfer: CSU/UC  8/25 - 12/15
75357 S  9:20AM - 12:40PM Ordaz  MT 13

MUS 048C  Symphony Orchestra III  (1.0 Lab)
Prerequisite: MUS 048B. Advisory: MUS 090 This is an intermediate/advanced level course for the performance of symphonic music of all styles and periods. Emphasis is on group participation and public performance. An audition is required.
Pass/No Pass Option. Transfer: CSU/UC  8/25 - 12/15
75385 S  9:20AM - 12:40PM Ordaz  MT 13

MUS 050  Mission Steelband  (1.0 Lab)
Advisory: Concurrent enrollment in MUSIC 090. Ensemble members will learn how to play Caribbean steel drums and will be required to participate in at least two public performances. Prior experience with percussion/music is not required. Pass/No Pass Option.
Transfer: CSU/UC  8/25 - 12/15
76695 W  12:40PM - 3:50PM Hawkins  MT 15
NOTE: Instruments are provided by the college. No prior experience required.

MUS 080  MIDI and Music Production I  (3.0 Lecture)
Advisory: Eligibility for ENG 001A, READ 054, and MUS 005. This course is a practical introduction to the Musical Instrument Digital Interface (MIDI) music system and provides students the skills necessary to create their own music using Pro Tools software. Through a series of hands-on projects students develop basic musicianship skills including: music theory, composition and arranging as it applies to popular music. Students also use the recording studio to complete a final project that incorporates the use of MIDI and audio tracks. Pass/No Pass Option.
Transfer: CSU  8/25 - 12/15
75362 TR  2:15PM - 3:40PM Hawkins  GC 125

MUS 081  Audio Production I  (3.0 Lecture)
Advisory: Eligibility for ENG 001A, READ 054, and MUSIC 080 or equivalent. This course is a hands-on survey of audio recording techniques using Pro Tools software and hardware. Students complete a series of projects designed to develop basic recording, editing and mixing skills. Pass/No Pass Option.
Transfer: CSU  8/25 - 12/15
75359 W  6:30PM - 9:40PM Hawkins  GC 125

MUS 082  MIDI and Music Production II  (3.0 Lecture)
Prerequisite: MUS 080. This is an advanced level, music production course that provides students the skills necessary to create their own compositions for film, TV and video. Through a series of hands-on projects students develop advanced composition skills including: score analysis, orchestration, composition and use of a recording studio to combine an original MIDI music composition with video. Pass/No Pass Option.
Transfer: CSU  8/25 - 12/15
75360 TR  2:15PM - 3:40PM Hawkins  GC 125

MUS 090  Music Laboratory  (0.5 Lab)
Transfer: CSU/UC  8/25 - 12/15
75360 M  5:20PM - 6:55PM Ordaz  GC 125
NOTE: 1.7 Scheduled wkly hrs. Students may attend any of the following lab hours; M 5:20PM - 6:55PM, T 3:45 - 5:15PM, W 3:15-6:25PM, TH 3:45 - 5:15PM.
75361 R  3:45PM - 5:15PM Ordaz  GC 125
NOTE: 1.7 Scheduled wkly hrs. Students may attend any of the following lab hours; M 5:20PM - 6:55PM, T 3:45 - 5:15PM, W 3:15-6:25PM, TH 3:45 - 5:15PM.
76696 S  11:40AM - 1:05PM 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.
76164 MW  9:30AM - 11:30AM Heart  ALZH ACTIVITY
76261 MW  9:30AM - 11:30AM Heart  ALZH ACTIVITY
76235 T  10:00AM - 12:00PM Canote  STO1 ACTIVITY
76140 T  10:00AM - 12:00PM Canote  STO1 ACTIVITY
76136 MR  3:30PM - 5:30PM Pace-Byram  COUR ACTIVITY
76230 MR  3:30PM - 5:30PM Pace-Byram  COUR ACTIVITY
76225 W  9:30AM - 11:30AM Brackenbury  LOS1 ACTIVITY
76131 W  9:30AM - 11:30AM Brackenbury  LOS1 ACTIVITY
76223 TR  9:30AM - 11:30AM Brackenbury  TER4 ACTIVITY
76129 TR  9:30AM - 11:30AM Brackenbury  TER4 ACTIVITY
76132 W  12:30PM - 2:30PM Brackenbury  TER2 ACTIVITY
76226 W  12:30PM - 2:30PM Brackenbury  LOS1 ACTIVITY
76141 W  3:30PM - 5:30PM Canote  MER1 ACTIVITY
76236 W  3:30PM - 5:30PM Canote  MER1 ACTIVITY
76229 R  9:00AM - 11:00AM Pace-Byram  GSAC ACTIVITY
76135 R  9:00AM - 11:00AM Pace-Byram  GSAC ACTIVITY
76234 W  10:00AM - 12:00PM Canote  SAR1 ACTIVITY
76139 W  10:00AM - 12:00PM Canote  SAR1 ACTIVITY
76130 R  1:00PM - 3:00PM Brackenbury  TER1 ACTIVITY
76224 R  1:00PM - 3:00PM Brackenbury  TER1 ACTIVITY
76248 R  1:00PM - 5:00PM Collins  SUR ACTIVITY
76151 R  1:00PM - 5:00PM Collins  SUR ACTIVITY
76274 RS  3:30PM - 5:30PM Lett  EMPR ACTIVITY
76176 RS  3:30PM - 5:30PM Lett  EMPR ACTIVITY
76262 F  8:30AM - 12:30PM Heart  OAK ACTIVITY
76165 F  8:30AM - 12:30PM Heart  OAK ACTIVITY
76133 F  9:30AM - 11:30AM Pace-Byram  SAR6 ACTIVITY
76227 F  9:30AM - 11:30AM Pace-Byram  SAR6 ACTIVITY
76275 F  11:00AM - 1:00PM Masters  LIV3 ACTIVITY
76177 F  11:00AM - 1:00PM Masters  LIV3 ACTIVITY

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

### ONLINE FALL CLASSES

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.

#### 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.

### 2018 Schedule of Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Day(s)</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>76251</td>
<td>TF</td>
<td>9:00AM - 11:00AM</td>
<td>Cymanski</td>
<td>ALZH ACTIVITY</td>
</tr>
<tr>
<td>76256</td>
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<td>COUR ACTIVITY</td>
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<tr>
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<td>ALZH ACTIVITY</td>
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<tr>
<td>76159</td>
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<td>COUR ACTIVITY</td>
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<td>Pace-Byram</td>
<td>VAS1 ACTIVITY</td>
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<tr>
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<td>VAS1 ACTIVITY</td>
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<tr>
<td>76220</td>
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<td>LOSG ACTIVITY</td>
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<tr>
<td>76166</td>
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<td>10:00AM - 12:00PM</td>
<td>Hegstrom</td>
<td>MIS1 ACTIVITY</td>
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<tr>
<td>76192</td>
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<td>10:00AM - 12:00PM</td>
<td>Watson</td>
<td>OURL ACTIVITY</td>
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<tr>
<td>76296</td>
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<td>OURL ACTIVITY</td>
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<td>PAL1 ACTIVITY</td>
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<tr>
<td>76178</td>
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<tr>
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<tr>
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<tr>
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<td>Masters</td>
<td>SUN ACTIVITY</td>
</tr>
<tr>
<td>76173</td>
<td>TW</td>
<td>3:15PM - 5:15PM</td>
<td>Lee</td>
<td>ALMA ACTIVITY</td>
</tr>
<tr>
<td>76270</td>
<td>TW</td>
<td>3:15PM - 5:15PM</td>
<td>Staff</td>
<td>ALMA ACTIVITY</td>
</tr>
<tr>
<td>76272</td>
<td>TF</td>
<td>3:30PM - 5:30PM</td>
<td>Lett</td>
<td>GSAC ACTIVITY</td>
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<tr>
<td>76295</td>
<td>TR</td>
<td>3:30PM - 5:30PM</td>
<td>Watson</td>
<td>CAMD ACTIVITY</td>
</tr>
<tr>
<td>76175</td>
<td>TF</td>
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<td>Lett</td>
<td>GSAC ACTIVITY</td>
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<tr>
<td>76191</td>
<td>TR</td>
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<td>Watson</td>
<td>CAMD ACTIVITY</td>
</tr>
<tr>
<td>76237</td>
<td>TR</td>
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<td>Choubabko</td>
<td>MIS1 ACTIVITY</td>
</tr>
<tr>
<td>76142</td>
<td>TR</td>
<td>6:00PM - 8:00PM</td>
<td>Choubabko</td>
<td>MIS1 ACTIVITY</td>
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<tr>
<td>76171</td>
<td>TF</td>
<td>6:45PM - 8:45PM</td>
<td>Jiminez</td>
<td>SUN ACTIVITY</td>
</tr>
<tr>
<td>76288</td>
<td>W</td>
<td>9:30AM - 11:30AM</td>
<td>Ramirez</td>
<td>OAK ACTIVITY</td>
</tr>
<tr>
<td>76168</td>
<td>W</td>
<td>9:30AM - 11:30AM</td>
<td>Ramirez</td>
<td>OAK ACTIVITY</td>
</tr>
<tr>
<td>76282</td>
<td>W</td>
<td>10:00AM - 12:00PM</td>
<td>Masters</td>
<td>JEWI ACTIVITY</td>
</tr>
<tr>
<td>76180</td>
<td>W</td>
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<td>Masters</td>
<td>JEWI ACTIVITY</td>
</tr>
<tr>
<td>76292</td>
<td>W</td>
<td>10:00AM - 12:00PM</td>
<td>Watson</td>
<td>SANT ACTIVITY</td>
</tr>
<tr>
<td>76284</td>
<td>WR</td>
<td>10:00AM - 12:00PM</td>
<td>Parravi</td>
<td>MIS1 ACTIVITY</td>
</tr>
<tr>
<td>76182</td>
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<td>10:00AM - 12:00PM</td>
<td>Parravi</td>
<td>MIS1 ACTIVITY</td>
</tr>
<tr>
<td>76190</td>
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<td>Watson</td>
<td>SANT ACTIVITY</td>
</tr>
<tr>
<td>76286</td>
<td>W</td>
<td>10:00AM - 12:00PM</td>
<td>Ramirez</td>
<td>SUR ACTIVITY</td>
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<tr>
<td>76184</td>
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<td>1:00PM - 3:00PM</td>
<td>Ramirez</td>
<td>SUR ACTIVITY</td>
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<tr>
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<tr>
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<td>Cymanski</td>
<td>CAMD ACTIVITY</td>
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<tr>
<td>76252</td>
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<td>Cymanski</td>
<td>CAMD ACTIVITY</td>
</tr>
<tr>
<td>76264</td>
<td>R</td>
<td>10:00AM - 12:00PM</td>
<td>Hegstrom</td>
<td>SAR1 ACTIVITY</td>
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<tr>
<td>76167</td>
<td>R</td>
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<td>Hegstrom</td>
<td>SAR1 ACTIVITY</td>
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<tr>
<td>76246</td>
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<tr>
<td>76290</td>
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<td>10:00AM - 12:00PM</td>
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<td>GREE ACTIVITY</td>
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<td>Ramirez</td>
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</tr>
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<td>Cymanski</td>
<td>VAS1 ACTIVITY</td>
</tr>
<tr>
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<td>MIS1 ACTIVITY</td>
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<tr>
<td>76170</td>
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</tbody>
</table>

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Go to COLLEGE WEB SERVICES available at mywvm.wvm.edu or schedule.missioncollege.edu for the latest class schedule information.
ONLINE FALL 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.

### NTR 040 Nutrition and Disease (3.0 Lecture)

This course discusses theories behind medical nutrition therapy. It covers basic scientific principles of human nutrition as they relate to disease. This course is designed for individuals entering the health care field or for those with an interest in diet and disease. Pass/No Pass Option. Transfer: CSU

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>76440</td>
<td>ONLINE</td>
<td>Rothenberg</td>
<td></td>
</tr>
</tbody>
</table>

### NTR 052 Nutrition for Children (3.0 Lecture)

Students examine scientific principles as they relate to human nutrition from infancy through adolescence. Nutrients and their affect on a child’s physical and mental development are discussed. This course is designed for general education and child development programs. Transfer: CSU

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>74426</td>
<td>ONLINE</td>
<td>Rothenberg</td>
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</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>76497</td>
<td>ONLINE</td>
<td>Rettus</td>
<td></td>
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</tbody>
</table>

### PHI 002 Introduction to Logic (3.0 Lecture)

Advisory: Eligibility for ENG 908 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

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>74457</td>
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<td>Rettus</td>
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</tr>
</tbody>
</table>

### PHI 003 Introduction to Ethics (3.0 Lecture)

Prerequisite: ENG 908A. This course explores prominent ethical theories and addresses contemporary moral problems. Pass/No Pass Option. Transfer: CSU/UC
FALL SESSION COURSES 2018 Schedule of Classes

PHI 005  Introduction to Social and Political Philosophy (3.0 Lecture)
This course will introduce students to a critical study of some major social and political problems. Pass/No Pass Option.
Transfer: CSU/UC
75999 ONLINE  Rettus
NOTE: 3.4 weekly contact hours. This is a fully on-line course, including all exams and other work. There are no in person orientations or tests on campus. If you are trying to add this section after class starts, you must contact the instructor directly.

Physics (PHY)
PHY 002A  General Physics - Mechanics and Thermodynamics (4.0 Lecture/1.0 Lab)
Prerequisite: MAT 002D Prerequisite: MAT 002 or higher This is a first lecture/lab course in physics for non-majors. Topics covered include Newton's laws of force, the concepts of potential and kinetic energy, momentum, thermodynamics, hydrodynamics, and wave motion. Transfer: CSU/UC
76669 T 9:20AM - 10:25AM Kawamoto GC 221
T 9:20AM - 12:30PM Kawamoto GC 221
R 10:35AM - 1:45PM Kawamoto SCI 170
75049 R 2:15PM - 3:20PM Kawamoto GC 203
T 2:15PM - 5:25PM Kawamoto GC 203
T 3:30PM - 6:40PM Kawamoto SCI 170

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
75378 M 9:20AM - 10:25AM Poe SCI 160
M 10:35AM - 1:45PM Poe SCI 170
W 9:20AM - 12:30PM Poe SCI 160
75379 M 12:40PM - 1:45PM Beck SCI 160
M 1:55PM - 5:05PM Beck SCI 170
W 12:40PM - 3:50PM Beck SCI 160
75380 M 5:25PM - 6:30PM Shmakova SCI 160
M 6:40PM - 9:50PM Shmakova SCI 170
W 5:25PM - 8:35PM Shmakova SCI 160

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
75381 MW 9:20AM - 10:45AM Burrell SCI 120
M 10:55AM - 2:05PM Burrell SCI 180
75382 MW 3:50PM - 5:15PM Burrell SCI 120
M 5:25PM - 8:35PM Burrell 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
75317 MW 9:20AM - 10:45AM Quintero GC 229
75321 MW 11:00AM - 12:25PM Quintero GC 229
76075 MW 12:40PM - 2:05PM Abrams GC 322
75316 MW 2:30PM - 3:55PM Wood GC 322
75319 TR 9:20AM - 10:45AM Pinnell GC 303
75325 TR 11:00AM - 12:25PM Wise GC 227
75320 TR 12:40PM - 2:05PM Quintero GC 322
75318 W 6:00PM - 9:10PM Staff GC 324
75322 ONLINE  Rettus
NOTE: This is an online section; no in-person meeting will be required. To add the course after the first day of class, contact the instructor via email: Sara.Rettus @ missioncollege.edu.

POL 001H  American Government - Honors (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 054. This honors course studies democratic structures and functions of American national, state, and local governments. Students cannot get credit for both POL 001 and POL 001H. 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
75324 MW 11:00AM - 12:25PM Staff GC 229

POL 003  Introduction to Social and Political Philosophy (3.0 Lecture)
This course introduces students to a critical study of some major social and political problems. What is society? What is a state? What is freedom? What is authority? What is the nature of political obligation? What constitutes justice? What constitutes a right? What are the relationships, if any, between the individual and society? This course is cross-listed as PHIL 005. Pass/No Pass Option. Transfer: CSU/UC
76003 ONLINE  Rettus
NOTE: This is an online section; no in-person meeting will be required. To add the course after the first day of class, contact the instructor via email: Sara.Rettus @ missioncollege.edu.

POL 004  International Relations (3.0 Lecture)
This course offers an introduction to the understanding of International Relations. This class will look at the how and why of world politics, surveying the history, theory, players, processes and structures in International Relations. Pass/No Pass Option. Transfer: CSU/UC
75326 MW 11:00AM - 12:25PM Wood GC 331

POL 007  International Films (3.0 Lecture)
This course provides a critical look at the world its problems through some of the finest international films. Films from Asia, Africa, Europe, South America and the United States will be viewed and analyzed to explore such topics as nationalism, sovereignty, war and peace, ethnic conflict, economics and immigration. (Co-listed as HUM 007). Pass/No Pass Option. Transfer: CSU/UC
75327 T 6:00PM - 9:10PM Wood GC 107
MISSION COLLEGE  FALL SESSION COURSES  2018 Schedule of Classes

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

75388 MW 9:20AM - 10:45AM Piper GC 110
75387 MW 12:40PM - 2:05PM Gee GC 324
75386 MW 2:15PM - 3:40PM Gee GC 324
75387 TR 10:55AM - 12:20PM Cormier GC 107
NOTE: For the corresponding Honors class see PSY*001H, section #75389.

75386 TR 7:45AM - 9:10AM Santos GC 107
76001 ONLINE Constantin
NOTE: This course is delivered completely online for 54.4 contact hours.

75390 ONLINE Cormier
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas. Students wanting to add this course need to contact Jennifer Constantin at Jennifer.constantin@missioncollege.edu.

75391 ONLINE Cormier
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas. Students wanting to add this course need to contact Jennifer Constantin at Jennifer.constantin@missioncollege.edu.

75392 R 6:00PM - 9:10PM Fettgather GC 110

75396 ONLINE Gee
NOTE: This course is delivered completely online for 54.4 contact hours. On October 15, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

75397 ONLINE Cormier
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

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

75390 ONLINE Constantin
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas. Students wanting to add this course need to contact Jennifer Constantin at Jennifer.constantin@missioncollege.edu.

PSY 001H General Psychology - Honors (3.0 Lecture)
Advisory: Eligibility for ENG 908 and REA 054. This honors course introduces major concepts, problems and methods that psychologists use to investigate and understand the human mind. Students cannot get credit for both PSY 001 and PSY 001H. 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

75389 TR 10:55AM - 12:20PM Cormier GC 107

PSY 012 Human Growth and Development (3.0 Lecture)
Advisory: PSY 001, Eligibility for ENG 908 and REA 054. The comprehensive coverage of the growth and development of humans from conception to death is examined. Pass/No Pass Option. Transfer: CSU/UC

75398 MW 9:20AM - 10:45AM Avera GC 305
75397 TR 2:15PM - 3:40PM Gee GC 107
75392 R 6:00PM - 9:10PM Fettgather GC 110

75395 ONLINE Piper
NOTE: This course is delivered completely online for 54.4 contact hours. On October 15, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

76002 ONLINE Cormier
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

PSY 015 Introduction to Research Methods (3.0 Lecture)
Prerequisite: MAT 010. Prerequisite: PSY 001. This course surveys various psychological research methods and designs. Pass/No Pass Option. Transfer: CSU/UC

75398 MW 12:40PM - 2:05PM Avera GC 305
NOTE: For the corresponding Honors class see PSY*015H, section #75399.

PSY 015H Introduction to Research Methods - Honors (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 054, MAT 010. Prerequisite: PSY 001. This course surveys psychological quantitative research methods and the software statistical application SPSS. 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

75399 MW 12:40PM - 2:05PM Avera GC 305

PSY 030 Psychology of Addiction and Substance Abuse (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 054. The study of the physiological and psychological processes of addiction and substance abuse. Pass/No Pass Option. Transfer: CSU/UC

75400 ONLINE Beckum
NOTE: This course is delivered completely online for 54.4 contact hours.

ONLINE FALL 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.
hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas. Students wanting to add this course need to contact Calvin Beckum on or after August 27, 2018 calvin.beckum@missioncollege.edu.

PSY 045  Introduction to Human Sexuality  (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 045 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
75401 TR 12:40PM - 2:05PM Gee GC 107
75402 ONLINE Pasion
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas. Students wanting to add this course need to contact Mark Pasion on or after August 27, 2018 mark.pasion@missioncollege.edu.

Reading  (REA)

REA 054  Critical College Reading and Thinking  (3.0 Lecture)
Prerequisite: REA 961 or Prerequisite: Qualifying score on Reading Placement Test. This course enables students to examine, develop and apply the concepts involved in critical reading and thinking. The emphasis is on the ability to interpret, analyze and evaluate college text. Transfer: CSU
75445 MW 9:20AM - 10:45AM Malchow SEC 313
75447 MW 10:55AM - 12:20PM Omid MT 19
75446 MW 10:55AM - 12:20PM Malchow SEC 313
75448 MW 12:40PM - 2:05PM Vasquez SEC 305
76348 MW 2:40PM - 4:05PM Panus SEC 307
75449 TR 9:20AM - 10:45AM Malchow MT 23
75454 TR 10:55AM - 12:20PM Malchow MT 23
75450 TR 10:55AM - 12:20PM Malchow SEC 313
75451 TR 12:40PM - 2:05PM Sullivan SEC 313
75453 W 7:00PM - 10:10PM Sullivan SEC 313
75452 R 7:00PM - 10:10PM Sullivan SEC 313

REA 961  Building College Reading Strategies  (2.5 Lecture/0.5 Lab)
Prerequisite: REA 960, or Prerequisite: ESL 970RW, Prerequisite: ESL 970G and Prerequisite: ESL 970LS or qualifying score on placement test. This course develops and improves reading skills and strategies including expanding vocabulary, improving reading comprehension, and building effective study habits. Pass/No Pass Option.
75458 MW 12:40PM - 1:50PM Gard SEC 322
75459 MW 2:00PM - 2:45PM Gard SEC 322
75456 MW 12:40PM - 1:50PM Omid MT 19
75457 MW 2:00PM - 2:45PM Omid MT 19
75455 TR 9:20AM - 10:30AM Allen SEC 231
75456 TR 10:40AM - 11:25AM Allen SEC 231
75457 TR 12:40PM - 1:50PM Malchow SEC 311
75458 TR 2:00PM - 2:45PM Malchow SEC 311

Sociology  (SOC)

SOC 001  Introduction to Sociology  (3.0 Lecture)
The study of the interplay of the individual and society. Pass/No Pass Option. Transfer: CSU/UC
75461 MW 10:55AM - 12:20PM Houston GC 320
NOTE: For the corresponding Honors class see SOC*001H, section #75477.
75460 TR 9:20AM - 10:45AM Hardinge GC 103
NOTE: For the corresponding Honors Program class, see section #76095.
75475 TR 12:40PM - 2:05PM Hardinge SEC 216
NOTE: For the corresponding Honors Program class, see SOC*001H, section #76536.
76093 T 3:45PM - 6:10PM Pasion GC 103
75476 R 3:45PM - 6:10PM Pasion SCH SCHIGH
NOTE: This is an off-campus class that meets at Santa Clara High School. This is a web-enhanced course with 1.18 online weekly contact hours required.
75474 ONLINE Houston
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.
75462 ONLINE Gibbs Stayle
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

SOC 001H  Introduction to Sociology - Honors  (3.0 Lecture)
This course is the study of the interplay between the individual and society. The honors component involves an in-depth analysis of specific topics, using current information from research journals and is more rigorous than SOC 001. Students cannot get credit for both SOC 001 and SOC 001H. 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
75477 MW 10:55AM - 12:20PM Houston GC 320
76095 TR 9:20AM - 10:45AM Hardinge GC 103
76536 TR 12:40PM - 2:05PM Hardinge SEC 216

SOC 002  Social Problems  (3.0 Lecture)
A sociological analysis of contemporary social problems. Pass/No Pass Option. Transfer: CSU/UC
75839 ONLINE Houston
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018 registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

SOC 016  Introduction to Statistics in Social And Behavioral Sciences  (3.0 Lecture)
Prerequisite: MAT 000C or any higher math course; and Prerequisite: PSY 001 or Prerequisite: PSY 001H or Prerequisite: SOC 001 or Prerequisite: SOC 001H For students majoring in psychology, sociology, and other behavioral sciences. Introduces students to the basic statistical techniques and design methodologies used in behavioral sciences. This course is not equivalent to MAT 010. Pass/No Pass Option. Transfer: CSU/UC
75837 MW 2:15PM - 3:40PM Hardinge GC 205
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
75571 ONLINE Houston
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018, registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

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
76004 ONLINE Hardinge
NOTE: This course is delivered completely online for 54.4 contact hours. On August 27, 2018, registered students may access this course over the Internet at https://wvm.instructure.com/login/canvas.

SOC 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
75568 MW 12:30PM - 1:55PM Houston GC 320

SOC 050 Introduction to Criminal Justice (3.0 Lecture)
Advisory: Eligibility for ENG 001A and REA 054. This course introduces students to the characteristics of the criminal justice system in the United States. Pass/No Pass Option. Transfer: CSU/UC
75569 TR 10:55AM - 12:20PM Pesso GC 229

SOC 054 Concepts of Criminal Law (3.0 Lecture)
Prerequisite: SOC 050. This course offers an analysis of criminal liability in the United States. Pass/No Pass Option. Transfer: CSU/UC
75570 TR 12:40PM - 2:05PM Pesso GC 229

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.
76792 Brunson
NOTE: 216 total required hours. Please contact instructor directly at scott.brunson@missioncollege.edu.

76791 Brunson
NOTE: 144 total required hours. Please contact instructor directly at scott.brunson@missioncollege.edu.

76793 Rafizadeh
NOTE: 288 total required hours. Please contact instructor directly at elibina.rafizadeh@missioncollege.edu.

76790 Brunson
NOTE: 72 total required hours. Please contact instructor directly at scott.brunson@missioncollege.edu.