**FALL SEMESTER COURSES**

**Accounting**

ACCTG 001A

Prerequisite: ACCTG 001A. This course is designed for students who are new to 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 statements of cash flows.

ACCTG 022

Basic Accounting Principles and Procedures

This is a step-by-step comprehensive introduction to accounting concepts, principles, and procedures. The course is recommended for individuals who are new to accounting, need review, or who have difficulty in other accounting courses. This course consists of a foundation module and a completion module that together cover both the theory and procedural elements of the full accounting cycle, for both service and merchandising operations, including financial statement preparation and internal control procedures, which are included. A supplementary basic math review is also available. Pass/No Pass Option.

ACCTG 040

Business Financial Planning Using Excel

This course introduces the theory and procedures of financial planning and analysis with the use of the spreadsheet program Excel. Students build Excel spreadsheet models to do tax preparation, capital budgeting, lease vs. buy analysis, and breakeven analysis. ACCTG 025 is a prerequisite. Pass/No Pass Option.

ACCTG 051

Practical Accounting Procedures Planning

Advisory: ACCTG 001A. This is the study of practical accounting procedures used in accounting departments. Students work with procedures and documents such as sales, purchases and cash journals, subsidiary ledgers, adjusting entries using two methods, reversing entries, and bank control procedures. Pass/No Pass Option.

ACCTG 052

Projected Cash Flow and Financial Statements Using Excel

Prerequisite: ACCTG 001A. This course continues the theory and procedure of cash budgeting and financial statement preparation 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.

**TBA to Be Arranged**

STAFF/Instructor not determined by 8/15 of initial printing

Main Building Room Numbers:

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<thead>
<tr>
<th>Code</th>
<th>Room</th>
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<td>N</td>
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<td>MT</td>
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Other Room Numbers:

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<th>Code</th>
<th>Building</th>
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<tr>
<td>TM</td>
<td>Child Development Center</td>
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<td>GM</td>
<td>Gymnasium</td>
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<tr>
<td>GC</td>
<td>Center</td>
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<tr>
<td>A</td>
<td>Art Annex</td>
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**FALL SEMESTER COURSES**

**How to Read a Course Listing**

1. **Course Number:** The course number is a unique identifier for each course.
2. **Course Title:** This is the name of the course.
3. **Section Number:** Each course may have multiple sections, each with different instructors and times.
4. **Days and Times:** The days and times the course meets.
5. **Units:** The number of units the course is worth.
6. **Instructor:** The name of the instructor teaching the course.
7. **Prerequisites:** Any prerequisites required for the course.
8. **Transferable:** Indicates if the course is transferable to other institutions.

**Course Code:**

- **ECNO:** Economics
- **ACCT:** Accounting
- **BUSI:** Business
- **ENGR:** Engineering
- **MATH:** Mathematics
- **PHYS:** Physics
- **SOCI:** Sociology

**Semester:**

- **Fall:** September to December
- **Spring:** January to May
- **Summer:** June to August

**Other:**

- **ONLINE:** Course is offered online.
- **ONLINE:** Course is offered in an online format.
- **ONLINE:** Course is offered in an online format.
- **ONLINE:** Course is offered in an online format.

**Course Catalog:** Please visit missioncollege.org/catalog to view or download the Mission College catalog.

**Advising:**

- **Academic:** Advising is available for academic guidance.
- **Financial:** Financial advising is available for financial aid.
- **Career:** Career advising is available for career guidance.

**Contact Information:**

- **Instructor:** The instructor's contact information is provided for each course.
- **Department:** The department contact information is provided for each course.

**Registration:**

- **Register Online:** Registration is available online.
- **Register In Person:** Registration is available in person.

**Fee:**

- **Tuition:** Tuition fee is applicable.
- **Fee:** Fee is applicable.

**Transcript:**

- **Transfer:** Courses are transferable to other institutions.
- **Transfer:** Courses are transferable to other institutions.

**Catalog:**

- **Mission College Catalog:** The Mission College Catalog is your reference document for detailed degree, course or college information.

Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in English 019A and Reading 094.

Prerequisite and corequisite requirements 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 corequisite requirements must have been completed with a grade of C or better, or as advised. Advisories are recommendations only.
FALL SEMESTER COURSES

ACCTG*065 Ethics in Accounting
Prerequisite: ACCTG*060. This course involves study of ethical problems which arise within accounting and corporate management. The focus is on ethical issues in corporate real estate matters such as Enron, WorldCom, and Madoff. Grade Only.

ACCTG*057A Payroll and Business Tax Accounting (CSU)
Eligibility for MATH 903. This course offers a thorough study of payroll preparation, payroll taxes, sales taxes, and personal property taxes. Grade Only.

ACCTG*051A Intermediate Accounting (CSU)
Prerequisite: ACCTG*049A. Advisory: MATH 102. This course covers cost accounting terminology, techniques, and systems for managerial decision making. Topics include various costing systems, activity-based costing, budgeting, variance analysis, cost of goods sold analysis, pricing decisions, the balanced scorecard, capital budgeting, and ethics. Grade Only.

ACCTG*050A Accounting Information Systems
Prerequisite: ACCTG*049A. Advisory: MATH 102. This course covers costing accounting information systems for managerial decision making. Topics include various costing systems, activity-based costing, budgeting, variance analysis, cost of goods sold analysis, pricing decisions, the balanced scorecard, capital budgeting, and ethics. Grade Only.

ACCTG*055A Advanced Accounting (CSU)
Prerequisite: ACCTG*049A. Advisory: MATH 102. This course covers topics in financial accounting such as analysis of balance sheet accounts, time value of money, and accounting theory. Grade Only.

ACCTG*060 Computerized Accounting: QuickBooks
Advisory: ACCTG*056A. This course is designed to equip students with knowledge of the principles of electronic processing and data analysis such as the use of computerized forms of accounting. Grade Only.

ACCTG*065 Computerized Accounting: Peachtree
Advisory: ACCTG*056A. This course is designed to equip students with knowledge of the principles of electronic processing and data analysis such as the use of computerized forms of accounting. Grade Only.

Allied Health

AH 408.855.5374 Health Occupations Bootcamp
Advisory: MATH/AD/and/or completion of a higher math course. 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 complexed expected entry, study skills, test-taking strategies, class management, mathematics for dosage calculation, critical thinking, critical reasoning, and introduction to the nursing process. Grade Only.

AH 42034 Medical Terminology
This course provides techniques for medical word building and recognition using basic word elements (root words, prefixes and suffixes). Students learn anatomical, physiological, and pathological medical terminology, as well as therapeutic and diagnostic signs with the overview of each body system. Pass/No Pass Option.

AH 42035 Radiography Online
NOTE: This AH 203 (20 week) class is online course. Access to the internet and an email account are required. Students will meet for class 3 times during the semester for the mandatory orientation meeting, mid-term, and the final exam. Orientation meeting will be held on August 31, 2015 from 6:00 pm to 7:30 pm in Room GC-222. The mid-term exam is scheduled for October 12, 2015 from 5:30 pm to 7:30 pm in Room GC-223. The final exam is scheduled on December 14, 2015 from 5:30 pm to 7:30 pm in Room GC-222. Students are responsible to attend all exams and the final exam on the scheduled dates and times on campus. The instructor may be contacted at Elbina ricard@missioncollege.edu. Students wishing to add this section on or after Saturday, August 29, must contact the instructor at ricard@missioncollege.edu.

AH 42036 Interpersonal Communication
NOTE: This course is designed to prepare the student to meet the demands of the working environment. Grade Only.

AH*011 Cardiopulmonary Resuscitation
The course is designed to prepare the student to meet the demands of the working environment. Grade Only.

AH 42037 Medical Assistant (CSU)
Students who successfully meet course objectives. Students will meet on campus three times during the semester for the mandatory orientation meeting, mid-term, and the final exam. Orientation meeting will be held on August 31, 2015 from 6:00 pm to 7:30 pm in Room GC-222. The mid-term exam is scheduled for October 12, 2015 from 5:30 pm to 7:30 pm in Room GC-223. The final exam is scheduled on December 14, 2015 from 5:30 pm to 7:30 pm in Room GC-222. Students are responsible to attend all exams and the final exam on the scheduled dates and times on campus. The instructor may be contacted at Elbina ricard@missioncollege.edu. Students wishing to add this section on or after Saturday, August 29, must contact the instructor at ricard@missioncollege.edu.

AH 42038 Fundamentals of Health Occupations (CSU)
This course is designed to prepare the student to meet the demands of the working environment. Grade Only.

ANC*001 Anatomy
This course is designed to prepare the student to meet the demands of the working environment. Grade Only.

ANTHR*003 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ANTHR*001 Physical Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ANTHR*002 Anthropology of Religion (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ANTHR*004 Environmental Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ANTHR*005 Archaeology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ANTHR*006 Ethnic Studies (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5219 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5209 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5208 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5207 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5206 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5205 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5204 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5203 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5202 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5201 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.

ART 408.855.5200 Introduction to Cultural Anthropology (CSU)
This course is designed to provide a basic introduction to the study of human society and culture. The course covers topics such as kinship, economy, politics, religion, art, and technology. Grade Only.
**ART*033B** Digital Visual Arts

**ART*034** Advanced Digital Art
Prerequisite: ART 033B. Focus on advanced digital design and compositional skills. Students will work on projects which integrate digital design and the fine arts. Pass/No Pass Option. Materials fee of $15.00.

**ART*035A** Life Drawing
Prerequisite: ART 035. This course is an advanced study of the human form as the main subject matter of drawings. Pass/No Pass Option. Materials fee of $15.00.

**ART*035B** Life Drawing
Prerequisite: ART 035A. This course is a fundamental study of the human form and structure and rendered in realistic terms. Pass/No Pass Option. Materials fee of $15.00.

**ART*035C** Life Drawing
Prerequisite: ART 035B. This course is an advanced study of the human form and its 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. Materials fee of $15.00.

**ART*036** Architecture Drawing
Prerequisite: ART 035C. This course is an advanced study of the human form and structure and rendered in realistic terms. Pass/No Pass Option. Materials fee of $15.00.

**ART*049A** Painting
Prerequisite: ART 048A. 2-dimensional design. Pass/No Pass Option. Materials fee of $15.00.

**ART*049B** Painting
Prerequisite: ART 048B. Focus on elements of design. Pass/No Pass Option. Materials fee of $15.00.

**ART*056A** Ceramics-Handbuilding
Prerequisite: ART 056B. Focus on basic handbuilding techniques. Pass/No Pass Option. Materials fee of $15.00.

**ART*056B** Ceramics-Handbuilding
Prerequisite: ART 056A. Focus on advanced handbuilding techniques. Pass/No Pass Option. Materials fee of $15.00.

**ART*067A** Ceramics-Potter’s Wheel
Prerequisite: ART 067B. Focus on basic wheel throwing skills. Pass/No Pass Option. Materials fee of $15.00.

**ART*067B** Ceramics-Potter’s Wheel
Prerequisite: ART 067A. Focus on advanced wheel throwing skills. Pass/No Pass Option. Materials fee of $15.00.

**ART*075** Metalsmithing
Prerequisite: ART 075A. Focus on metalworking techniques and skills not covered in previous courses. Materials fee of $15.00.

**ART*076** Furniture Design and Woodworking
Prerequisite: ART 076A. Focus on furniture design and construction. Materials fee of $15.00.

**ART*076A** Furniture Design and Woodworking
Prerequisite: ART 076B. Focus on furniture design and construction. Materials fee of $15.00.

**ART*085** Sculpture
Prerequisite: ART 085A. Focus on sculpture and personal style development. Pass/No Pass Option. Materials fee of $15.00.

**ART*085A** Sculpture
Prerequisite: ART 085B. Focus on sculpture and personal style development. Pass/No Pass Option. Materials fee of $15.00.

**ART*086** Sculpture
Prerequisite: ART 086A. Focus on sculpture and personal style development. Pass/No Pass Option. Materials fee of $15.00.

**ART*096** Sculpture
Prerequisite: ART 096A. Focus on sculpture and personal style development. Pass/No Pass Option. Materials fee of $15.00.

**ART*098** Metal Sculpture Casting
Prerequisite: ART 098A. Focus on original sculpture and metal casting. Pass/No Pass Option. Materials fee of $15.00.

**ART*102** Advanced Visual Art
Prerequisite: ART 02A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*103** Advanced Visual Art
Prerequisite: ART 03A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*104** Advanced Visual Art
Prerequisite: ART 04A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*106** Advanced Visual Art
Prerequisite: ART 06A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*109** Advanced Visual Art
Prerequisite: ART 09A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*110** Advanced Visual Art
Prerequisite: ART 10A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*111** Advanced Visual Art
Prerequisite: ART 11A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*112** Advanced Visual Art
Prerequisite: ART 12A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*113** Advanced Visual Art
Prerequisite: ART 13A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*114** Advanced Visual Art
Prerequisite: ART 14A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*115** Advanced Visual Art
Prerequisite: ART 15A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*116** Advanced Visual Art
Prerequisite: ART 16A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*117** Advanced Visual Art
Prerequisite: ART 17A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*118** Advanced Visual Art
Prerequisite: ART 18A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*119** Advanced Visual Art
Prerequisite: ART 19A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*120** Advanced Visual Art
Prerequisite: ART 20A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*121** Advanced Visual Art
Prerequisite: ART 21A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*122** Advanced Visual Art
Prerequisite: ART 22A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*123** Advanced Visual Art
Prerequisite: ART 23A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*124** Advanced Visual Art
Prerequisite: ART 24A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*125** Advanced Visual Art
Prerequisite: ART 25A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.

**ART*126** Advanced Visual Art
Prerequisite: ART 26A. Focus on creative expression in painting, sculpture, and studio art. Pass/No Pass Option. Materials fee of $15.00.
BIOSC*022 Anatomy & Physiology for Allied Health Workers

Advisory: A-NSTR-02. 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 Registered Dental Assistants, optometry students, and students in the health sciences.

FS 09:20AM-10:45AM Staff SCI-250 4.0
FS 10:50AM-12:40PM Staff SCI-220 4.0
FS 12:45PM-02:15PM Staff SCI-220 4.0
FS 02:40PM-04:30PM Staff SCI-220 4.0
FS 04:35PM-06:25PM Staff SCI-220 4.0

BIOSC*025 Environmental Biology

This course is designed for student of all disciplines to familiarize with the whole range of contemporary biological topics that will affect their lives, e.g., population growth and control, environmental problems, genetic manipulation, nutrition, energy issues, etc. Grade Only.

MW 09:20AM-10:45AM Staff SCI-120 4.0
MW 10:50AM-12:40PM Staff SCI-120 4.0
MW 12:45PM-02:15PM Staff SCI-120 4.0
MW 02:40PM-04:30PM Staff SCI-120 4.0
MW 04:35PM-06:25PM Staff SCI-120 4.0

BIOSC*030 Tropical Ecology

The amazing diversity of life in the tropics is the star of this introductory level course. Students explore rainforest habitats and their relationships, and learn about value and conservation. This lecture course may be taken with or without BIOSC 230L, Tropical Ecology Lab. Pass/No Pass Option.

MW 09:20AM-10:45AM Staff SCI-140 3.0
MW 10:50AM-12:40PM Staff SCI-140 3.0
MW 12:45PM-02:15PM Staff SCI-140 3.0
MW 02:40PM-04:30PM Staff SCI-140 3.0
MW 04:35PM-06:25PM Staff SCI-140 3.0

BIOSC*030L Tropical Ecology Lab

This four unit course lets students travel in tropics while taking BIOSC 030. Classmates can take the course independently—or both if they wish. The honors component involves research techniques. The honors component involves research techniques. Grade Only.

TH 09:20AM-10:45AM Staff SCI-140 3.0
TH 10:50AM-12:40PM Staff SCI-140 3.0
TH 12:45PM-02:15PM Staff SCI-140 3.0
TH 02:40PM-04:30PM Staff SCI-140 3.0
TH 04:35PM-06:25PM Staff SCI-140 3.0

BIOSC*051 Principles of Evolution and Animal Biology

This course introduces the principles of animal biology and evolutionary theory to the biology major. Topics in ecology include animal phylogeny, diversity, ecology, natural history, morphology, physiology, and development. Grade Only.

MW 09:20AM-10:45AM Staff SCI-120 3.0
MW 10:50AM-12:40PM Staff SCI-120 3.0
MW 12:45PM-02:15PM Staff SCI-120 3.0
MW 02:40PM-04:30PM Staff SCI-120 3.0
MW 04:35PM-06:25PM Staff SCI-120 3.0

BIOSC*051L Principles of Evolution and Animal Biology Lab

Prerequisite: BIOSC 051. In Costa Rica over Spring Break, students will take a “day trip” to a sarapiqui canopy, view wildlife, take eight hour bird watch, fly to butterfly farm, make leaf prints, study medicinal plants, bird watch, tour sustainability projects, meet locals and learn first hand on the use of rainforests, and “field test” at a “skywalk” up in a rainforest canopy, view wildlife, meet scientists, a “skywalk” up in a rainforest canopy, view wildlife, meet scientists, researchers and locals. Grade Only.

MW 09:20AM-10:45AM Staff SCI-140 3.0
MW 10:50AM-12:40PM Staff SCI-140 3.0
MW 12:45PM-02:15PM Staff SCI-140 3.0
MW 02:40PM-04:30PM Staff SCI-140 3.0
MW 04:35PM-06:25PM Staff SCI-140 3.0

BIOSC*060 Principles of Cell and Molecular Biology

Prerequisites: BIOG 101 or BIOG 011 or BIOG 041 or BIOG 042 or equivalent in College Biology and CHEM 030A or MATH 030C. This course covers the basic biology sequences required for transfer students in the biological sciences. Students in the nursing and allied health programs should enroll in either Pharmacy and other professional programs. Grade Only.

MT 09:20AM-10:45AM Staff SCI-150 5.0
MT 10:50AM-12:40PM Staff SCI-150 5.0
Introduction to Business Computing Laboratory (BUS*021L) Contact instructor at webmail@wvm.edu. This course provides hands-on training in business applications. Pass/No Pass Option.

BUS*021L Introduction to Business Computing Laboratory (BUS*021L) Contact instructor at webmail@wvm.edu. This course provides hands-on training in business applications. Pass/No Pass Option.

Fall Semester Courses

**BUS 003** Business Communications (CA) This course covers basic techniques for word processing features. Pass/No Pass Option.

**BUS 010C** Computer Keyboarding Speed and Accuracy (CA) Advisory: CA-013 or CA-011. Practice on corrective techniques to improve keyboarding speed and accuracy. This course may be repeated one time. Pass/No Pass Option (CSU).

**BUS 010L** Beginning Keyboarding With Word Processing (CA) Advisory: Eligibility for CA-010. This course is designed for anyone who wishes to learn the "touch" system of keyboarding on the computer and word processing. Pass/No Pass Option.

**BUS 010T** Computer Keyboarding Speed and Accuracy (CA) Advisory: CA-013 or CA-011. Practice on corrective techniques to improve keyboarding speed and accuracy. This course may be repeated one time. Pass/No Pass Option (CSU).

**BUS 011D** Word Processing I (CA) Advisory: Eligibility for CA-010. This course is designed for students who are computer literate. Pass/No Pass Option.

**BUS 021** Business Communications (CA) This course develops writing skills to improve communication in the business environment. Pass/No Pass Option.

**BUS 021T** Business Communications (CA) This course develops writing skills to improve communication in the business environment. Pass/No Pass Option.

**BUS 021H** Human Relations Applied in Business (CA) This course covers patterns of behavior, motivation, perception, values clarification, coping with change, and readiness styles in business organizations. Pass/No Pass Option.

**BUS 030** Fundamentals of Project Management (CA) This course focuses on the fundamentals of project management. Pass/No Pass Option.

**BUS 030H** Applied Project Management (CA) This course emphasizes real-life project situations. Pass/No Pass Option.

**BUS 052** Small Business Start up and Management (CA) This course covers the planning process and the start-up of a small business and is recommended for persons who want to explore the opportunities and requirements of owning and operating their own business. Pass/No Pass Option.

**BUS 060B** Business Math (CA) Advisory: MATH 903. This course is designed for students who need to review the fundamental math principles. It emphasizes methods of problem interpretation and the solving of common business calculation problems. Pass/No Pass Option.

**BUS 061** Introduction to Microcomputer (CA) Advisory: Eligibility for CA-010. This course is designed for individuals who wish to learn how to use a microcomputer. This course is scheduled for a project. Pass/No Pass Option.

**BUS 061H** Intermediate Microcomputer Advisory: Eligibility for CA-010 and CA-011. Students learn the advanced features of Microsoft Word. They also learn how to add tables, graphs, charts, and other elements to enhance the presentation. Students create a presentation for use as a Web Page and customize a slide show.powerslide.

**BUS 062** Small Business Start up and Management (CA) This course focuses on the planning process and the start-up of a small business and is recommended for persons who want to explore the opportunities and requirements of owning and operating their own business. Pass/No Pass Option.

**BUS 065** Marketing Principles (CA) This course covers the principles of marketing and the transfer of goods from producer to consumer as well as marketing functions. This course is designed for 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.

**BUS 066B** Business Math (CA) Advisory: MATH 903. This course is designed for students who need to review the fundamental math principles. It emphasizes methods of problem interpretation and the solving of common business calculation problems. Pass/No Pass Option.

**BUS 068** Business Communications (CA) This course develops writing skills to improve communication in the business environment. Pass/No Pass Option.

**BUS 075** Business Communications (CA) This course develops writing skills to improve communication in the business environment. Pass/No Pass Option.

**BUS 075H** Human Relations Applied in Business (CA) This course covers patterns of behavior, motivation, perception, values clarification, coping with change, and readiness styles in business organizations. Pass/No Pass Option.

**BUS 080** Business Law I (CA) This course provides an introduction to the law of the United States with an emphasis on matters relating to the conduct of business and commerce. Pass/No Pass Option.

**BUS 082** Human Resources Applied in Business (CA) This course covers patterns of behavior, motivation, perception, values clarification, coping with change, and readiness styles in business organizations. Pass/No Pass Option.

**BUS 083** Fundamentals of Project Management (CA) This course focuses on the fundamentals of project management. Pass/No Pass Option.

**BUS 088** Business Law I (CA) This course provides an introduction to the law of the United States with an emphasis on matters relating to the conduct of business and commerce. Pass/No Pass Option.

**BUS 092** Human Resources Applied in Business (CA) This course covers patterns of behavior, motivation, perception, values clarification, coping with change, and readiness styles in business organizations. Pass/No Pass Option.
CA*008A Introduction to JavaScript for the Web (3) Advisory: CA*070. This is an introductory course on JavaScript programming for the web. Students learn to program interactive web pages using JavaScript. This course covers variables, objects, and web forms. Pass/No Pass Option.

CA*008B Intermediate JavaScript for the Web (3) Advisory: CA*008A. Students learn to create interactive web pages using JavaScript. This course builds upon the introductory course to cover forms, events, dynamic content, cookies and AJAX. Pass/No Pass Option.

CA*020 Chemistry (3) Advisory: CHEM 001B or CHEM 002. This course provides an introductory survey of the field of education. Students observe children in Google Drive and Google applications. Students learn to use DOA, Google Calendar, Document Spreadsheet, Chrome and Presenter to achieve personal and professional productivity. Students also learn search and apply in order to use Google apps to communicate and collaborate within a virtual social network. Pass/No Pass Option.

CA*070 Creating Web Pages - Course 1 (5) Advisory: CA*070 and CA*071. This course provides an introduction to creating a web page. Students learn HTML, formatting commands, add color, graphics, and links and to a web site. The final project is the creation of a personal or business Web page. Pass/No Pass Option.

CA*071 Creating Web Pages - Course 2 (5) Advisory: CA*070 and CA*071. Students create a Web page in a Korean language. Make Web pages with text and pictures and improve the design of your webpage. Students learn new HTML features in a hands-on lab. Topics include: working with XHTML, JavaScript, and cookies. Pass/No Pass Option.

CA*048A Parenting Issues for Teachers (3) Advisory: CHD*006. This course is designed to give teachers the opportunity to interact with children and demonstrate developmentally appropriate early childhood teaching competencies. Students work under the supervision of a practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*020 Chemistry (3) Advisory: CHEM 001B or CHEM 002. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*007 Management Issues in Child Development Programs (2) Prerequisite: CHD*009. This course gives students information and skills about how to deal with the management of staff and relationships and all of the activities necessary for a positive working environment in Child Development types of programs. This course partially fulfills the requirements for the Site Supervisor or Program Director for a licensed child care facility. Grade Only.

CA*008A Principles and Practices in Education (2) Advisory: CHD*001, CHD*002. This course is an introductory survey of the field of education. Students explore problems and potential of education in today's world. This course is designed for those who are considering a professional career in education. Grade Only.

CA*002 Observation and Assessment of Children (3) Prerequisite: CHD*001, CHD*002. This course is an introductory survey of the field of education. Students explore problems and potential of education in today's world. This course is designed for those who are considering a professional career in education. Grade Only.

CA*0001 General Chemistry (4) Advisory: ENGL*001A and READ*053. Prerequisite: CHEM 002 or High School Chemistry with B or better, and MATH 000C or higher. Passed or Program Director for a licensed child care facility. Grade Only.

CA*001 Child Development (3) Prerequisite: CHD*001. This course is designed to give students the skills needed to be able to identify children's health problems. This course is designed for parents working with children in early childhood environments. Included in the course is the study of infectious disease, immunization, child health and safety, and health promotion. The course includes State AB 962 requirements. Grade Only.

CA*008 Parenting Issues for Teachers (3) Advisory: CHD*006. This course is designed to give students the opportunity to interact with children and demonstrate developmentally appropriate early childhood teaching competencies. Students work under the supervision of a practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*010 Child Development 010. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*011 Child Development 011. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*012 Child Development 012. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*013 Child Development 013. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*014 Child Development 014. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*015 Child Development 015. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.

CA*016 Child Development 016. 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 practioner at the Mission College Child Development Center or an approved Mentor Teacher Site. Grade Only.
Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in English 001A and Reading 054.

The Mission College Catalog is your reference document for detailed degree, course or college information. Please visit missioncollege.org/catalog to view or download the Mission College catalog.
CIT*021 CiscoNetwork Fundamentals (cisco-1)  
This course is the first of four courses leading to the CCNA designation. This course introduces the architecture, structures, functions, components, and protocols of the Internet and other computer networks. Paasch Po Pass Option.

42254 MW 06:30PM 04:49PM Abdalhadi ONLINE 4.0 Abdalhadi GC-208  
(Meets 09/01-12/15)
Note: 6.8 weekly online hours and 6.8 weeks on campus.

CIT*022 Routing and Switching Essentials (cisco-2)  
Prerequisite: CIT 021. This course is the second of four courses leading to the Cisco Certified Network Associate (CCNA) Routing and Switching designation. It describes the architecture, components, operation, and design of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for effective, high performance networks. Paasch Po Pass Option.

42256 TTH 06:30PM 04:49PM Abdalhadi ONLINE 4.0 Abdalhadi GC-208  
(Meets 09/07-12/17)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

42257 MW 06:30PM 04:49PM Abdalhadi ONLINE 4.0 Abdalhadi GC-208  
(Meets 09/01-12/16)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

44380 MW 06:30PM 04:49PM Staff GC-208 Staff ONLINE  
(Meets 08/31-12/16)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

CIT*023 Scaling Networks (cisco-3)  
Prerequisite: CIT 022. This is the third of four courses leading to the Cisco Certified Network Associate (CCNA) Routing and Switching designation. It describes the architecture, components, operation and design of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for efficient, highly performing networks. Paasch Po Pass Option.

42259 TTH 08:30PM 04:49PM Gordon ONLINE 4.0 Gordon GC-208  
(Meets 09/01-12/15)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

44379 MW 08:30PM 04:49PM Staff GC-208 Staff ONLINE  
(Meets 08/30-12/16)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

CIT*024 Connecting Networks (cisco-4)  
Prerequisite: CIT 023. This is the fourth of four courses leading to the Cisco Certified Network Associate (CCNA) Routing and Switching designation. This course describes the internetwork technologies and network services required in Enterprise networks. Paasch Po Pass Option.

42250 TTH 08:30PM 04:49PM Gordon ONLINE 4.0 Gordon GC-208  
(Meets 09/07-12/17)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

44400 MW 08:30PM 04:49PM Staff GC-208 Staff ONLINE  
(Meets 09/01-12/16)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

CIT*025 Cisco 7 Troubleshooting Cisco Ip Switches  
Prerequisite: CIT 040. This course teaches students how to monitor and maintain complex, enterprise routed networks with Cisco switches. Skills learned include the planning and execution of regular network maintenance, and we will also support and troubleshoot using technology-based processes and last practices, in a laboratory and F3-style approach. Extensive labs emphasize hands-on learning and practice to reinforce the troubleshooting skills learned. Paasch Po Pass Option.

44405 Colm ONLINE 4.0 Colm GC-208  
(Meets 09/08-12/16)
Note: This is an online class.

CIT*078 Microsoft Server Essentials 1  
This is the first of three courses leading to the Microsoft Certified Server certificate. It provides individuals who create, manage, or maintain Microsoft Windows Server platform the necessary knowledge to design and manage a network infrastructure using Windows server-based networks. This course provides training in user management, group management, group policy management, security management, Active Directory concepts, DHCP and DNS services. Paasch Po Pass Option.

42280 M 06:30PM 04:39PM Hamalak MT-26 4.0  
W 06:30PM 04:39PM Hamalak MT-26 4.0

CIT*026 Artificial Intelligence 1  
This is the first of four courses leading to the AI certificate. This course introduces the architecture, problems, and solutions of knowledge representation and reasoning. Examples of such problems include the representation of knowledge in the domain of logic, machine learning, neural networks, and expert systems. Paasch Po Pass Option.

42254 MW 06:30PM 04:49PM Abdalhadi ONLINE 4.0 Abdalhadi GC-208  
(Meets 09/01-12/15)
Note: 6.8 weekly online hours and 6.8 weeks on campus.

42256 TTH 06:30PM 04:49PM Abdalhadi ONLINE 4.0 Abdalhadi GC-208  
(Meets 09/07-12/17)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

42257 MW 06:30PM 04:49PM Abdalhadi ONLINE 4.0 Abdalhadi GC-208  
(Meets 09/01-12/16)
Note: 6.8 weekly online hours and 6.8 weeks on campus. This is a hybrid class. Lab is online and on LD on campus.

44405 Colm ONLINE 4.0 Colm GC-208  
(Meets 09/08-12/16)
Note: This is an online class.

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COUNS*012 College Survival Skills
This course is designed to help students develop career awareness and personal management skills and to assist students in planning for success in college. Pass/No Pass Option.

COUNS*007 Strategies For Success
This is a comprehensive course that integrates critical and creative thinking, interpersonal and personal development, and academic study skills. It is for all-problem students and for those interested in personal growth, academic success, and professional development. Pass/No Pass Option.

Mission College Catalog is your reference document for detailed course, degree, and college information. Please visit missioncollege.org/catalog to view or download the Mission College catalog.
be knowledgeable of and have access to the Web. Before enrolling for this course, please review the following websites to find out more information about Online education and the tools and technologies you may need to be a success.

English 905 students are required to enroll in English 900. Note: English 905 students are required to enroll in English 903 or 905. It is also advised for students wanting to transfer to a four-year university to take the exam on that date. If you are trying to add the section on or after August 31, you must attend the orientation.

ENGL*005A English Literature Through 18th Century (UC/CSU)
Prerequisite: ENGL 900 or Qualify for English 1A on the English Placement Test. This course is a survey of English literature that begins with Anglo-Saxon writings and goes through the works of the eighteenth century ending with the novels of Jane Austen. Professor: John Donners. Pass/No Pass Option.

ENGL*015 Introduction to Film Analysis (CGCN)
Offered for students who have studied foreign language or any library or exam in this course. Professor: Paul Kruzic. Pass/No Pass Option.

ENGL*016 Chinese American Literature (UC/CSU)
Prerequisite: Eligibility for English 900 and READ 051. This course concentrates on the oral and written expression of Asian American Literature from the eighteenth through the first half of the twentieth centuries. Professor: Jerry Varbel. Pass/No Pass Option.

ESL*095 English Fundamentals
Prerequisite: ESL 079FYR and ESL 370G and ESL 071G, or Qualify for ESL 95G on the English Placement Test. Course Reserves: READ 128. Prerequisite: Readability level 1.0 or above on the reading assessment test. Course Explore: ENGLISH 095C. Course is in written and oral expression, comprehension and essay. Pass/No Pass Only. Grade Only.

ENGL*008 Effective Writing
Prerequisite: ENGL 905 or qualifying score on placement test. Concentration is on the writing process, academic essays, and introduction to research skills. Professor: Alice Peng. Credit/No Credit Option.

ENGL*009 English As a Second Language ESL 408.855.2295

ENGL*010 Introduction to Engineering (CGCN)
Advisory: Math 20 or Math 90 or Math 91. Students must take the prerequisite course in engineering design and architecture as well as the problem-solving process. Professors and guest speakers are included. Professor: Paul Kruzic. Pass/No Pass Option.

ENGR*023 Mechanics - Statics
Prerequisite: MATH 096 and PHYS 004A. This course is an introduction to engineering design and development of static and mechanical systems. The system is analyzed in the static equilibrium. Grade Only.

ENGR*024 Introduction to Circuit Analysis (CGCN)
Advisory: Math 20 or Math 90 or Math 91. Prerequisite: Pre-Energy 004. This is an introductory course in the design and analysis of AC circuits to design and analyze circuits for energy transfer. Grade Only.

ENGR*025 and ENGR*026 Lab

ENGR*027 Introduction to Computer Science Lab (CGCN)
Advisory: Math 20 or Math 90 or Math 91. Registration to the course on or after Aug 29, come to the first orientation or contact the instructor directly.

High Beginning Listening and Speaking (CGCN)
Prerequisite: Qualifying score on the ESL Placement Test. This course includes understanding of some simple sentences, comprehension of short written texts, and speaking skills. Grade Only.

High Beginning Reading and Vocabulary (CGCN)
Prerequisite: Qualifying score on the ESL Placement Test. This course focuses on comprehension of simple articles, stories and dialogues in English. Grade Only.

High Intermediate Listening and Speaking (CGCN)
Prerequisite: Qualifying score on the ESL Placement Test. This course includes understanding of some simple sentences, comprehension of short written texts, and speaking skills. Grade Only.

High Intermediate Reading and Vocabulary (CGCN)
Prerequisite: Qualifying score on the ESL Placement Test. This course focuses on comprehension of simple articles, stories and dialogues in English. Grade Only.
ESL/940R
Low Intermediate Reading and Vocabulary
Prerequisite: Qualifying score on the ESL Placement Test. ESL/940R emphasizes vocabulary acquisition and continues to develop paragraph skills attained in ESL/940S. The course develops students' oral communication skills in a variety of social and business situations. Pass/No Pass Option.

4245 MS 09:20AM 10:45AM Powers MT-09 3.0
4245 THH 09:20AM 10:45AM Mynt NT-401 3.0
4245 TTH 09:20AM 10:45AM Glazer NT-401 3.0

ESL/950ECO
English As a Second Language
Prerequisite: Qualifying score on the ESL Placement Test. ESL/950ECO and ESL/950LS. This course develops the English language skills necessary for success in college-level development courses. The student will practice those skills necessary for the following: speaking, reading, and writing assignments with which are closely tied. Advancement level ESL students receive effective practice in listening and speaking and academic and professional settings. Pass/No Pass Option.

4249 MS 10:15AM 12:15PM Coach NT-201 5.5
4249 TTH 10:15AM 12:15PM Costanza NT-21 5.5
4249 TTTH 07:00PM 09:00PM Miller MT-09 5.5

ESL/970LS
Advanced Listening and Speaking
Prerequisite: Qualifying score on the ESL Placement Test. ESL/970LS. This course provides for students of advanced level ESL students, receiving intensive practice in reading and speaking in academic and professional settings. Advisory: Pass/No Pass Option.

4249 MS 09:20AM 10:45AM Coach NT-001 3.5
4249 TTH 09:20AM 10:45AM Costanza NT-21 3.5
4249 TTTH 07:00PM 09:00PM Miller MT-09 3.5

ESL/970W
Advanced ESL Composition and Grammar
Prerequisite: Qualifying score on the ESL Placement Test; ESL/960W and ESL/960R. This course continues intensive practice of the skills of academic writing in the English language. Students will continue to develop their skills of academic writing and receive advanced level ESL students. Pass/No Pass Option.

2446 MS 10:15AM 12:15PM Coach NT-201 5.5
2446 TTH 10:15AM 12:15PM Costanza NT-21 5.5
2446 TTTH 07:00PM 09:00PM Miller MT-09 5.5

ESL/970R
Low Intermediate Reading and Vocabulary
Prerequisite: Qualifying score on the ESL Placement Test. ESL/970R emphasizes vocabulary acquisition and continues to develop paragraph skills attained in ESL/970S and introduces the structure of the academic essay in standardized English. Students learn a variety of rhetorical styles and increase competency in constructing standard essay structures relevant to the advanced ESL student. Pass/No Pass Option.

2446 MS 10:15AM 12:15PM Coach NT-201 5.5
2446 TTH 10:15AM 12:15PM Costanza NT-21 5.5
2446 TTTH 07:00PM 09:00PM Miller MT-09 5.5

ESL/970LS
Advanced Listening and Speaking
Prerequisite: Qualifying score on the ESL Placement Test. ESL/970LS. This course provides for students of advanced level ESL students, receiving intensive practice in reading and speaking in academic and professional settings. Pass/No Pass Option.

2446 MS 09:20AM 10:45AM Coach NT-001 3.5
2446 TTH 09:20AM 10:45AM Costanza NT-21 3.5
2446 TTTH 07:00PM 09:00PM Miller MT-09 3.5

ESL/980W
Effective Writing for Advanced ESL Students
Prerequisite: ESL 970LS, for Converse ESL 970S, ESL 970WS, ESL 970WSH, and ESL 970WR. In Qualifying score on the ESL placement test for students of intermediate native language to non-English. Students write academic essay in standards essay structures. Prerequisite: Pass/No Pass Option.

2448 MS 07:45AM 10:00AM Coach E-503 5.0
2448 TTH 09:20AM 10:45AM Powers MT-05 5.0
2448 TTTH 07:00PM 09:00PM Powers MT-05 5.0

Hospitality Management Institutional Foods
INFDS/050
Sanitation and Safety
Prerequisite: Advisory: MATH 031. Personal hygiene and food handling is the focus of this course. Topics include microbiology of food spoilage, Sanitational stewards. Advisory: Pass/No Pass Option.

4445 W 04:45PM 06:30PM Araki HE-121 2.0

FDRST/082
Introduction to Chocolate and Confectionary
This class introduces students to chocolate and sugar confectionary work. Emphasizes the business side of food production. Safety procedures and training for food handling. Grade Option.

4443 F 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/059
Food Protection, including the history, organization and operation of food protection services. Grades chemistry and physics of food preservation and regulations. Grade Option.

4445 F 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/058
Hospitality Supervision and Leadership
Prerequisite: Advisory: MATH 903, FDRST 95A. This class emphasizes the management and leadership skills necessary for成功的 Hospitality Management Program. Grade Option.

4446 S ONLINE 4.0

FDRST/057
Menu Planning
Prerequisite: The core competencies covered in this course include marketing needs, menu layout and design, calculating basic pricing methods, and evaluating OII -sale performance analysis and a sales analysis. Grade Option.

4445 W 06:00PM 07:50PM Araki HE-121 2.0

FDRST/056
Fire Protection Systems and Equipment
Prerequisite: Advisory: MATH 031. Personal hygiene and food handling are the focus of this course. Topics include microbiology of food spoilage, Sanitational stewards. Advisory: Pass/No Pass Option.

4443 W 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/055
Fire Protection Technology
Prerequisite: Advisory: MATH 031. Personal hygiene and food handling are the focus of this course. Topics include microbiology of food spoilage, Sanitational stewards. Advisory: Pass/No Pass Option.

4443 W 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/054
Building Construction for Fire Protection
Prerequisite: Advisory: MATH 031. Personal hygiene and food handling are the focus of this course. Topics include microbiology of food spoilage, Sanitational stewards. Advisory: Pass/No Pass Option.

4443 W 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/053
Fire Protection Equipment and Systems
Prerequisite: Advisory: MATH 031. Personal hygiene and food handling are the focus of this course. Topics include microbiology of food spoilage, Sanitational stewards. Advisory: Pass/No Pass Option.

4443 W 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/052
Fire Protection Operations
Prerequisite: Advisory: MATH 031. Personal hygiene and food handling are the focus of this course. Topics include microbiology of food spoilage, Sanitational stewards. Advisory: Pass/No Pass Option.

4443 W 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/051
Fire Protection Principles
Prerequisite: Advisory: MATH 031. Personal hygiene and food handling are the focus of this course. Topics include microbiology of food spoilage, Sanitational stewards. Advisory: Pass/No Pass Option.

4443 W 09:00AM 09:50AM Brunson HE-121 2.0

FDRST/050
Introduction to the Hospitality Industry (CSU)
Prerequisite: MATH 131. This course is an overview of the Hospitality and Tourism industry designed to prepare students for careers in hospitality management. Students learn about the Hospitality Management Program. Advisory: Grade Only.

4449 M 10:30PM 12:05PM Markar HE-121 2.0

FDRST/049
Basic Food Preparation
Prerequisite: ESL 970LS, for Converse ESL 970S, ESL 970WS, ESL 970WSH. Prerequisite: ESL 960G. Advanced level ESL students receive guidance on using a variety of symbols and recipes in complex sentence structures. Prerequisite: Pass/No Pass Option.

4448 MS 07:45AM 10:00AM Coach MT-05 4.0
4448 TH 10:15AM 12:15PM Costanza MT-06 4.0
Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in English 001A and Reading 054.

Please visit missioncollege.edu/catalog/view or download the Mission College catalog.
MISSION COLLEGE

FALL SEMESTER COURSES

Health Education
H.ED*002 Health and Lifestyle (3CR)
Advisory: NATH 005. This course is designed to provide students with learning experiences that will help them understand the concept of a healthy lifestyle. Major topics covered in the course will be
understanding behavior and change, relationships, communication skills needed to lead a healthy lifestyle, nutrition and fitness, mental health, stress management, drug and alcohol abuse, reproductive issues, suicide and the use of the health care system. Paasحو خراي on Pass/No Pass Option.
5260 TTH 04:00PM-05:00PM Garcia GC-24A 3.0
5260 TTH Cowdell Rainbow ONLINE 3.0

NOTE: This H.ED class is online course. Access to the internet, and an email account are required. Students will meet on campus two times during the semester for the mandatory orientation meeting and the final exam. Orientation meeting will be held from 12:30 PM to 3:30 PM in room GC-222. The final exam is scheduled for 7:00 PM to 9:00 PM on GC-222. Students are required to attend both the final exam and the scheduled dates and times on campus. Students wanting to add this section on or after 1/12/21 will need to contact the instructor directly at raakim.ramsey@wvm.edu.

H.ED*004 Workplace Standard First Aid (3CR)
This course covers adult CPR/AED (automated external defibrillator) and first aid skills and protocols, with emphasis on the workplace. Certification of completion will be given. American Red Cross fee of $50.00 must be paid to Mission Cashier prior to first class meeting. Participants’ first/aid/materials must be purchased and read before class.
5262 S 08:30AM 10:15AM Chan GC-16B 0.5
5262 S 08:30AM 10:15AM Chan GC-16C 0.5
5262 TTH 11:10AM-01:00PM Lirenso GC-10F 2.0

NOTE: This course covers Adult/CPR/AED (automated external defibrillator) and first aid instruction and skills.

History
HIST*016 History of Western Civilization (6CR)
Coursework in Western civilization. Emphasis will be placed on the development of cultural, political and social history of the Western world from its early beginnings to the present. Sometimes this course is used as a survey course for Humanities majors or for those who have not been exposed to Western civilization in high school. Seat available by application.
5264 TTH 10:30AM-12:15PM Xu GC-116 3.0
5264 TTH 10:30AM-12:15PM Xu GC-117 3.0

NOTE: This course is a survey of World Civilization from 1500 to present. Pass/No Pass Option.

HIST*017A United States History (4CR)
This course covers the development of foreign policy, immigration and culture from colonial through Civil War and Reconstruction.
5267 MW 06:30AM-08:15AM Xu GC-234 3.0
5267 MW 06:30AM-08:15AM Xu GC-236 3.0

NOTE: This course is part of the Honors Transfer Project. Students interested in this honors course must enroll in this course only. Students who wish to add to this section after 9/1/15 will need to contact the instructor directly at RaeAnn.Ramsey@wvm.edu.

HIST*017B United States History (4CR)
This course covers the emergence of the United States and its power in the late 19th and early 20th centuries. HIST*017A is a pre-requisite to HIST*017B. Pass/No Pass Option.
5267 MW 07:45AM 09:30AM Xu GC-324 3.0
5267 MW 07:45AM 09:30AM Xu GC-326 3.0
5267 MW Ramirez ONLINE 3.0

NOTE: 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 ramirez.ramsey@wvm.edu.

HIST*018 History of the United States since 1877 - (4CR)
This course covers a survey of World History from 1877 to present. It is part of the Honors Transfer Project. Students interested in this honors course must enroll in this course only. Students who wish to add to this section after 9/1/15 will need to contact the instructor directly at RaeAnn.Ramsey@wvm.edu.
5265 TTH 06:30AM 08:30AM Xu GC-234 3.0
5265 TTH 06:30AM 08:30AM Xu GC-236 3.0

NOTE: This course is part of the Honors Transfer Project. Students interested in this honors course must enroll in this course only. Students who wish to add to this section after 9/1/15 will need to contact the instructor directly at RaeAnn.Ramsey@wvm.edu.

HIST*019 History of California (4CR)
While this course examines California’s geographic origins, the native Americans of California, explorations in the 18th and 19th centuries, the establishment of the state, its political and social development through the 20th century, and the role of government. Paasحو خراي on Paasحو خراي.
5266 TTH 12:45PM 02:15PM Swanson MT-10 3.0

HIST*021 History of East Asia (4CR)
This course is a survey of the history of China, Japan, Korea, Vietnam and related countries in East Asia. It will examine the historical development of those countries and their interaction with the Western world. Paasحو خراي on Paasحو خراي.
5267 MW 03:00PM 04:45PM Xu ONLINE 3.0

NOTE: 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 wenjian.xu@wvm.edu.

Health Occupations
HO 408.555.5734

Introduction to Professional Health Care Advisory: NATH 003 or 004. This course introduces students to the roles of health care professionals in the delivery of health care services. It is designed to help students understand the work of health care professionals in today’s health care delivery system. It also provides an overview of the health care system and the responsibilities of the health care professional. It is recommended for students considering a career in health care.
020 T 09:00AM 10:15AM Staff GC-224 0.5
5038 TTH 09:00AM-10:15AM Staff GC-224 0.5

NOTE: 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 wenjian.xu@wvm.edu.

2015 Schedule of Classes

Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in English 019A and Reading 054. Prerequisites and corequisites are mandatory. If you are blocked from enrolling in a class because you have not met the prerequisite, see your counselor. Courses used to meet prerequisite and corequisite 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 missionscollege.org/catalog to view or download the Mission College catalog.
Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in English 001A and Reading 054.

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### MISCELLANEOUS

**Care of Obstetrical and Neonatal Patients**

Advisory: Students must have a current, valid cardiopulmonary resuscitation (CPR) license.

Prerequisite: HO 032 Must pass the course with a grade of 75% or higher; HO 033A Must pass the course with a grade of 75% or higher; HO 028B Must pass the course with a grade of 75% or higher. HO 028B Students must pass the course with a grade of 75% or higher; HO 028C Must pass the course with a grade of 75% or higher; HO 028D Must pass the course with a grade of 75% or higher. HO 028B Students must pass the course to continue to the next semester; HO 028C Students must pass the course to continue to the next semester; HO 028D Students must pass the course to continue to the next semester. HO 015 (May be taken as a prerequisite)

This course is designed for the student to focus on individual case management and critical thinking through a variety of group activities and projects related to families. Concepts include family communications, teaching the nursing process, cultural, ethical issues, and the advocacy role within the health care system. Grade Only.

45509 M 08:30AM-11:40AM Daily Delaporta GC-225 2.0

### FALL SEMESTER COURSES

#### 2015 Schedule of Classes

**HUMAN*001A Human Values In and From the Arts**

Integrated study of art, music, literature and history in the Western World from ancient Greece through the 20th century. (UC/CSU) Pass/No Pass Option.

42530 TTh 12:40PM-2:55PM Thlipovski GC-130 3.0

**HUMAN*007 International Films**

This course provides a critical look at the world and its problems through some of the international films. Films from Asia, Africa, Europe, South America and the United States are utilized and analyzed to explore such topics as nationalism, sovereignty, war and peace, ethnic conflict, and international (as listed as POL/PST 101). Pass/No Pass Option.

42531 TTh 09:00AM-10:15AM Wood GC-107 3.0

**HUMAN*015 Introduction to Film Analysis**

This course teaches critical analysis of film as literary art, with emphasis on narrative structure. (As listed as ENGL 015). Pass/No Pass Option.

42532 W 12:30PM-2:45PM Tong GC-130 3.0

**HUMAN*016A Hispanic Roots & Culture**

Cultural dynamics and study of Hispanic society beginning with the native-American and Spanish colonizations and a study of Hispanic culture today. (UC/CSU) Pass/No Pass Option.

42533 TTh 09:00AM-10:15AM de Lurancq GC-300 3.0

**HUMAN*018 African-American Culture and Humanities**

An overview of the humanities through the culture and the arts of African-Americans. (As listed as ENGL 018). Pass/No Pass Option.

42535 TTh 09:00AM-10:15AM Piper GC-130 3.0

**HUMAN*020 Asian Roots and Culture**

This course provides an introduction to the lands, peoples, languages and cultures of the Far East, emphasizing the earliest times and continuing to the present. (As listed as ASIAN 101). Pass/No Pass Option.

42536 MW 02:15PM-03:30PM Yan GC-225 2.0

Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in English 001A and Reading 054.

Prerequisites and corequisites are mandatory. If you are blocked from enrollment in a class because you have not met the requirements, see your counselor.

Courses used to meet prerequisite and corequisite requirements must have been completed with a grade of C, credit, or better. Advisees are recommended only.
**FALL SEMESTER COURSES**

**Kinesiology**

**KIN*001A. Adapted Weight Training** (S:A)

This course is designed for students with vertebral disorders. Students focus on individual exercises with developing a level of muscular strength and muscular endurance. Pass/No Pass Option.

**KIN*010A. Aerobics**

This course was designed to introduce skills needed for daily cardiovascular fitness through the use of aerobic exercises for students with vertebral disabilities. Pass/No Pass Option.

**42548 TTH 10:30AM-12:00M  Scoccia E-603 5.0**

**KIN*014A. Volleyball - Beginning** (T:TH)

Prerequisite: None. This course is designed to introduce students to the basic skills of volleyball. Pass/No Pass Option.

**42558 F 07:00PM-10:10PM Bugg Gym 1.0**

**KIN*015A. Basketball - Introduction** (T:TH)

This course was designed to introduce the basic skills and techniques of basketball. Pass/No Pass Option.

**42559 MW 05:00PM-08:00PM Califia Gym 1.0**

**KIN*015C. Basketball - Intermediate** (T:TH)

Advisory: KIN 019A. This course is designed to develop the intermediate skills of basketball. Drills are utilized to improve play while skills are used to develop the concept of team play. Pass/No Pass Option.

**42566 MW 09:20AM-12:00PM Mendola Gym 1.0**

**42567 T 07:00PM-10:10PM Califia Gym 1.0**

**KIN*019A. Soccer - Introduction** (T:TH)

This course was designed to introduce the basic skills, tactics, techniques and strategy of soccer. Drills are included to introduce the student to shooting, passing, trapping, and Everton to develop team play concepts. Pass/No Pass Option.

**42568 TH 03:40PM-6:00PM Campi Gym 1.0**

**42569 F 03:40PM-6:00PM Campi Gym 1.0**

**KIN*019B. Soccer - Beginning** (T:TH)

Advisory: KIN 019A. This course is designed to introduce the student to the fundamental, rules, and strategies of the game of basketball. Pass/No Pass Option.

**42570 TH 07:00PM-10:10PM Campi Gym 1.0**

**42571 F 07:00PM-10:10PM Campi Gym 1.0**

**KIN*020A. Badminton - Introduction** (T:TH)

This course introduces the student to the fundamentals, rules, and strategies of the game of badminton. Pass/No Pass Option.

**42573 M 07:00PM-10:10PM Busa Gym 1.0**

**42576 W 12:30PM-3:30PM Nguyen Gym 1.0**

**KIN*020B. Badminton: Beginning**

Advisory: Eligible for KIN 019A. 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 techniques and maximize the proficiency of the basic skills of the game. Pass/No Pass Option.

**42577 W 07:00PM-10:10PM Ng Gym 1.0**

**42578 T 07:00PM-10:10PM Nelson Gym 1.0**

**42579 F 07:00PM-10:10PM Busa Gym 1.0**

**KIN*020C. Badminton - Intermediate** (T:TH)

Advisory: Eligible for KIN 019A. 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, fitness, shots, shot placement, court position, and singles and doubles strategies. Pass/No Pass Option.

**42580 T 07:00PM-10:10PM Wundram Gym 1.0**

**42581 F 07:00PM-10:10PM Wundram Gym 1.0**

**KIN*021A. Tennis - Introduction** (T:TH)

Advisory: Eligible for KIN 019A. This course is designed to teach the fundamentals of tennis. Mastery of these skills enables the student to progress to the next level of tennis. Pass/No Pass Option.

**42584 M 09:00AM-11:10AM Bugg COURTS 1.0**

**42585 W 09:00AM-11:10AM Bugg COURTS 1.0**

**42586 F 09:00AM-11:10AM Bugg COURTS 1.0**

**42587 TH 07:00PM-10:10PM Bugg COURTS 1.0**

**42588 F 07:00PM-10:10PM Bugg COURTS 1.0**

**KIN*021B. Tennis - Beginning**

Advisory: Eligible for KIN 019A. This course is designed to develop skill and knowledge of the game of tennis at an intermediate level. Pass/No Pass Option.

**42590 T 07:00PM-10:10PM Bugg COURTS 1.0**

**42591 W 07:00PM-10:10PM Bugg COURTS 1.0**

**42592 F 07:00PM-10:10PM Bugg COURTS 1.0**

**42593 TH 07:00PM-10:10PM Bugg COURTS 1.0**

**42594 F 07:00PM-10:10PM Bugg COURTS 1.0**

**KIN*021D. Tennis - Advanced**

Advisory: Eligible for KIN 019A. This course is designed for students with advanced skill competency, who has played or played tennis to a competitive level. Advanced skills and strategies are reviewed and practiced to increase mastery for tournament play. Pass/No Pass Option.

**42595 T 07:00PM-10:10PM Barra GYM 1.0**

**42596 W 07:00PM-10:10PM Barra GYM 1.0**

**KIN*022A. Archery: Introduction** (T:TH)

Advisory: Eligible for KIN 019A. This course is designed to teach the student basic archery skills. Emphasis will be placed on safety, etiquette and the skills needed to become an entrepreneur of archery. Pass/No Pass Option.

**42599 M 10:10PM-12:30PM Morgan Gym 1.0**

**42600 W 10:10AM-12:30PM Morgan Gym 1.0**

**KIN*030A. Pilates Matwork - Introduction** (T:TH)

Advisory: Eligible for KIN 019A. This course is designed to teach the student basic Pilates and physical conditioning. This method provides the physical fitness for the attainment and maintenance of an uniformly developed body and sound mind. The study of Pilates improves flexibility, strength and breathing techniques Pass/No Pass Option.

**42603 T 07:00PM-10:10PM Wundram Gym 1.0**

**42604 W 07:00PM-10:10PM Wundram Gym 1.0**

**KIN*030B. Pilates Matwork - Beginning**

Advisory: Eligible for KIN 030A. This course is designed for the student to practice the Pilates method with an emphasis on the physical conditioning methods. Pass/No Pass Option.

**42605 TH 07:00PM-10:10PM Wundram Gym 1.0**

**42606 W 07:00PM-10:10PM Wundram Gym 1.0**

**KIN*030C. Pilates Matwork - Intermediate**

Advisory: Eligible for KIN 030B. This course is designed for the student to practice the Pilates method with an emphasis on the physical conditioning methods. Pass/No Pass Option.

**42607 TH 07:00PM-10:10PM Wundram Gym 1.0**

**42608 W 07:00PM-10:10PM Wundram Gym 1.0**

**KIN*032A. Aerobics-Introduction**

This course is designed to satisfy the needs for cardiovascular activity and to develop cardiovascular fitness through the use of continuous aerobic exercise.

Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in English 019A and Reading 054. 

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**KIN*032B Aerobics - Beginning (UC/CSU)**
Advisory: Eligibility for KIN 023A. This is a beginning level course in aerobic fitness and is designed to safely prepare students to increase their cardiovascular activity for individuals who are new to this type of activity. Focus is on using various forms to increase cardiovascular fitness through the use of continuous rhythmic activities. Weekly weight loss goals are set to encourage students to complete their workouts. Pass/No Pass Option.

4943 MW 05:25PM 06:50PM Buteau W1-501 1.0

**KIN*033A Kickboxing Fitness - Introduction (UC/CSU)**
This course is an introduction to kickboxing fitness workouts focusing on development of martial arts as a way to achieve an aerobic workout. In this course, students will learn appropriate safety and warm up down. Pass/No Pass Option.

4944 MW 05:25PM 06:50PM Buteau W1-501 1.0

**KIN*033B Kickboxing Fitness - Beginning (UC/CSU)**
Advisory: KIN 023A. Students built up the kickboxing movements learned in KIN 023B. With an emphasis on proper body alignment and a more advanced level of cardiovascular/Techniques are from basic to complex. Judo and boxing adds ways to improve overall fitness. Pass/No Pass Option.

4931 MW 03:00PM 04:35PM Buteau W1-501 1.0

**KIN*035A Weight Training - Introduction (UC/CSU)**
This course is designed to enhance the development of muscular strength and related components. Information is presented to increase student understanding of various aspects of weight training from safety through proper lifting techniques Pass/No Pass Option.

4251 TTH 10:50AM 12:20PM Nelson W1-301 1.0
4252 MW 07:00PM 08:25PM Bugg W1-301 1.0
4261 TTH 10:50AM 12:20PM Nelson W1-301 1.0
4262 MW 05:25PM 06:50PM Nelson W1-301 1.0
4263 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4264 MW 05:25PM 06:50PM Morgan W1-301 1.0
4265 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4266 MW 05:25PM 06:50PM Zendejas W1-301 1.0
4474 TTH 07:00PM 08:25PM Zendejas W1-301 1.0

**KIN*035B Weight Training - Intermediate (UC/CSU)**
Advisory: Eligibility for KIN 025A. This course is designed to enhance the development of muscular fitness. Information is presented to increase student understanding of various technical aspects of weight training from safety through proper lifting techniques. Pass/No Pass Option.

4261 TTH 10:50AM 12:20PM Nelson W1-301 1.0
4262 MW 07:00PM 08:25PM Bugg W1-301 1.0
4263 TTH 10:50AM 12:20PM Nelson W1-301 1.0
4264 MW 05:25PM 06:50PM Nelson W1-301 1.0
4265 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4266 MW 05:25PM 06:50PM Morgan W1-301 1.0
4267 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4268 MW 05:25PM 06:50PM Zendejas W1-301 1.0
4476 TTH 07:00PM 08:25PM Zendejas W1-301 1.0

**KIN*035C Intermediate (UC/CSU)**
Advisory: Eligibility for KIN 025A. This course is designed for students at the intermediate level. Topics include an introduction to resistance training techniques such as progressive and super sets Pass/No Pass Option.

4251 TTH 10:50AM 12:20PM Morgan W1-301 1.0
4252 MW 07:00PM 08:25PM Bugg W1-301 1.0
4262 TTH 10:50AM 12:20PM Nelson W1-301 1.0
4263 MW 05:25PM 06:50PM Nelson W1-301 1.0
4264 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4265 MW 05:25PM 06:50PM Morgan W1-301 1.0
4266 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4267 MW 05:25PM 06:50PM Zendejas W1-301 1.0
4475 TTH 07:00PM 08:25PM Zendejas W1-301 1.0

**KIN*037A Cardio-Cross Training - Introduction (UC/CSU)**
Advisory: Recommended to have passed KIN 032A or KIN 033A. This course is designed to enhance the cardiovascular condition by providing a variety of methods of training at an introductory level. Pass/No Pass Option.

4261 TTH 10:50AM 12:20PM Bugg W1-301 1.0
4262 MW 07:00PM 08:25PM Bugg W1-301 1.0
4267 TTH 10:50AM 12:20PM Morgan W1-301 1.0
4268 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4269 MW 02:05PM 03:30PM Morgan W1-301 1.0
4275 TTH 10:50AM 12:20PM Nelson W1-301 1.0
4276 TTH 07:00PM 08:25PM Nelson W1-301 1.0
4476 TTH 07:00PM 08:25PM Zendejas W1-301 1.0

**KIN*037B Cardio-Cross Training - Beginning (UC/CSU)**
Advisory: Eligibility for KIN 032A. This course is designed to enhance the cardiovascular condition by providing a variety of methods of training at the beginning level. Pass/No Pass Option.

4261 TTH 10:50AM 12:20PM Bugg W1-301 1.0
4262 MW 07:00PM 08:25PM Bugg W1-301 1.0
4267 TTH 10:50AM 12:20PM Morgan W1-301 1.0
4268 TTH 07:00PM 08:25PM Morgan W1-301 1.0
4269 MW 02:05PM 03:30PM Morgan W1-301 1.0
4275 TTH 10:50AM 12:20PM Nelson W1-301 1.0
4276 TTH 07:00PM 08:25PM Nelson W1-301 1.0
4476 TTH 07:00PM 08:25PM Zendejas W1-301 1.0

**KIN*037C Cardio-Cross Training - Intermediate (UC/CSU)**
Advisory: Eligibility for KIN 032B. This course is designed to enhance the cardiovascular condition by providing a variety of methods of training at an intermediate level. Pass/No Pass Option.

4261 TTH 10:50AM 12:20PM Bugg W1-301 1.0

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Mission College Spring Semester Courses 2015 Schedule of Classes

Fall Semester Courses

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Prerequisites and corequisites are mandatory. If you are blocked from enrolling in a class because you have not met the prerequisite, see your counselor.

Courses used to meet prerequisite and corequisite requirements must have been completed with a grade of C, credit, or better. Advisories are recommendations only.
Before you enter in degree applicable courses, it is recommended that you are eligible to enroll in English 001A and Reading 054. Prerequisite: coterminal or successful placement in the appropriate Mathematics Placement Exam or Math 000CM. This college-level course in algebra covers the topics of systems of equations, linear inequalities, radical, 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.

**MATH** 106 Intermediate Calculus
- This course covers the calculus of functions of one variable, including limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 106H Honors Intermediate Calculus
- This course covers the calculus of functions of one variable, including limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. This course is the honors version of Elementary Calculus. Prerequisite: MATH 106.

**MATH** 107 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. Prerequisite: MATH 106.

**MATH** 107H Honors Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is the honors version of Elementary Statistics. Prerequisite: MATH 106. This is a college-level course in calculus based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 108 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 109 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 110 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 111 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 112 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 113 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 114 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 115 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 116 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 117 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 118 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.

**MATH** 119 Calculus
- This course provides a comprehensive introduction to statistical methods and research. Current applications in the health sciences are emphasized. The course is based on the Mission College Mathematics Placement Exam. This course is the honors version of Elementary Statistics. This is the first part of the three-sequence calculus sequence. Topics include differential calculus, limits, continuity, differentiation and integration, and applications to polynomial and transcendental functions. Pass/No Pass Option.
music reading, writing, listening, and performing. The interested in learning music fundamentals as related to advisors: MUSIC 090. This is an advanced intermediate-level course in harmony and music students interested in developing their music skills and understanding. Areas of study include beginning level music theory and notation, ear training, and sight-singing. Students with both a class and individually utilizing computer-assisted music instruction software. Pass/No Pass Option.

MUSIC*007 Music Theory III (CRNS 42798, 42799, 42801, 42802, 42803, 42804, 42805) Advisory: Concurrent enrollment in MUSIC 090. Lab is required for most students. Prerequisite: MUSIC 090. This is an advanced intermediate-level course in harmony and music students interested in developing their music skills and understanding. Areas of study include beginning level music theory and notation, ear training, and sight-singing. Students with both a class and individually utilizing computer-assisted music instruction software. Pass/No Pass Option.

MUSIC*008 Music Theory IV (CRNS 42797, 42798, 42799, 42801, 42802, 42803, 42804, 42805) Advisory: Concurrent enrollment in MUSIC 090. Lab is required for most students. Prerequisite: MUSIC 090. This is an advanced intermediate-level course in harmony and music students interested in developing their music skills and understanding. Areas of study include beginning level music theory and notation, ear training, and sight-singing. Students with both a class and individually utilizing computer-assisted music instruction software. Pass/No Pass Option.

MUSIC*010 Music Appreciation (CRNS 42799, 42800, 42801, 42802, 42803, 42804, 42805) Advisory: Concurrent enrollment in MUSIC 090. Lab is required for most students. Prerequisite: MUSIC 090. This is an advanced intermediate-level course in harmony and music students interested in developing their music skills and understanding. Areas of study include beginning level music theory and notation, ear training, and sight-singing. Students with both a class and individually utilizing computer-assisted music instruction software. Pass/No Pass Option.

MUSIC*015A Songwriting and Music Business I (CRNS 42797, 42800, 42801, 42802, 42803, 42804, 42805) Advisory: Concurrent enrollment in MUSIC 090. Write lyrics, simple melodies, harmonies with basic understanding. Pass/No Pass Option.

MUSIC*015B Songwriting II (CRNS 42799, 42800, 42801, 42802, 42803, 42804, 42805) Advisory: Concurrent enrollment in MUSIC 090. Write lyrics, simple melodies, harmonies with basic understanding. Continuation of MUSIC 020A, Pass/No Pass Option.


Non-Credit ESL

NcesL*910A Foundations in ESL I

(ESL)

This is a self-paced course to provide students with18

strategies and skills for effective peer tutoring in a community college setting.

Advisory: MUSIC 080 or equivalent.

Non-Credit ESL

NcesL*910B Foundations in ESL Lab

This lab course is designed for students at the NCEL*910 level. The lab provides practice in speaking, writing, grammar, reading, and vocabulary skills in order to help them succeed in NCEL courses in the workplace.

Non-Credit Immigration Education

Ncie*010 U.S. Citizenship Preparation

This noncredit course provides basic functional reading, writing, speaking, grammar, reading, and vocabulary skills in order to help them succeed in NCEL courses in the workplace.

Non-Credit Immigration Education

Ncie*015 Nutrition Science

Nsi*015 Human Nutrition

Advisory: NCI*210. Basic biological principles of human nutrition in maintaining health and preventing disease are discussed. Biochemical functions and interrelationships of nutrients are examined. The biochemistry of U.S. History, government, and civics, including a survey of the U.S. Constitution.

Nsi*015 Human Nutrition

Nsi*015 Human Nutrition

3.0 online weekly hours Rothenberg

This lab course is designed for students at the NCEL*910 level. The lab provides practice in speaking, writing, grammar, reading, and vocabulary skills in order to help them succeed in NCEL courses in the workplace.

Advisory: MUSIC 080 or equivalent.

This lab course is designed for students at the NCEL*910 level. The lab provides practice in speaking, writing, grammar, reading, and vocabulary skills in order to help them succeed in NCEL courses in the workplace.

This school year, students may try to add at any point in the semester by asking the class instructor for an add code. For questions about late add, please see ASC staff in S2-301 or call 408-855-5092.

This lab course is designed for students at the NCEL*910 level. The lab provides practice in speaking, writing, grammar, reading, and vocabulary skills in order to help them succeed in NCEL courses in the workplace.

This noncredit course provides basic functional reading, writing, speaking, grammar, reading, and vocabulary skills in order to help them succeed in NCEL courses in the workplace.

This noncredit course provides basic functional reading, writing, speaking, grammar, reading, and vocabulary skills in order to help them succeed in NCEL courses in the workplace.

This course is designed for advanced piano students studying choral repertoire from classical to contemporary. Students must be declared Music Majors and must have previous experience in group singing at the intermediate to advanced level. Placement auditions will be held before the first day of class. Pass/No Pass Option.

MUSIC*044C Symphony Orchestra I

MUSIC*044C Symphony Orchestra I

MUSIC*044C Symphony Orchestra I

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Please visit missioncollege.org/catalog to view or download the Mission College catalog.
PHYS*004C Engineering Physics-Light and Heat (UC/CSU)
Prerequisite: MATH 038B and PHYS 030A. This laboratory course is the third course in the calculus-based engineering physics series. Topics include classical thermodynamics, geometric and wave optics and modern physics. Grade Only.

PSYCH*001 General Psychology (UC/CSU)
This course introduces major concepts, problems and methods that psychologists use to investigate and understand the human mind. Prerequisite: READ 053 or qualifying score on Critical College Reading and Thinking. Grade Only.

PSYCH*004B Engineering Physics-Electricity and Magnetism (UC/CSU)
Prerequisite: PHYS 030A and PHYS 030B. This laboratory course is the second course in the calculus-based engineering physics series. Topics include electric and magnetic fields and the development of the concepts and equations that describe these fields, including DC and AC circuits. Grade Only.

POLIT*001 American Government (UC/CSU)
This course presents the structure of American, state, and local, governments. Grade Only.

POLIT*003 Introduction to Social and Political Philosophy (UC/CSU)
This course introduces students to a critical examination 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 a legitimate political authority? What are the relationships, if any, between the individual and society? This course is cross-listed as PHIL 005. Pass/No Pass Option.

POLY*001 Honors Introduction to Research Methods
Note: This course is delivered completely online for 54 contact hours. On August 29, 2015 registered students may access this course over the Internet at http://wvmccd.angellearning.com/default.asp. Students wanting to add this course need to contact Jeff Cormier on or after August 29, 2015 jeff.cormier@wvm.edu. Grade Only.

POLY*005 Honors Introduction to Research Methods (UC/CSU)
The study of the psychological and physiological principles of addiction and substance abuse. Pass/No Pass Option.

Reading
READ*054 Critical College Reading and Thinking
Prerequisite: READ 051. This course explores the elements of effective reading. Students will learn to improve their critical reading skills, and develop the ability to interpret, analyze and evaluate college level text. Grade Only. (CSU)

Before you enroll in degree applicable courses, it is recommended that you are eligible to enroll in 010A and 010D. Prerequisites and corequisites are mandatory. If you are blocked from enrolling in a class because you have not met the requisites, you should consult with your advisor. Courses used to meet prerequisite and corequisite 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 missioncollege.org/catalog to view or download the Mission College catalog.
### Fall Semester Courses

#### Sociology

**SOC*034**  
Concepts of Criminal Law  
(3.0 units)  
This course examines the core elements and components of criminal liability in the United States. Pass/No Pass Option.

**SOC*035**  
Community and Justice System  
(3.0 units)  
This course examines the complex relationship between communities and the justice system. Pass/No Pass Option.

**SOC*036**  
Global Issues  
(3.0 units)  
This course offers an introduction to the origins, current dilemmas, and future trends of major issues facing the global community, such as energy and resource depletion, food and population control, war and terrorism, nuclear arms, human rights, economic interdependence and intercultural inequality. This course is also listed as GLOBL 302. Pass/No Pass Option.

**SOCSC*002**  
Global Sociology  
(3.0 units)  
This course covers major social phenomena that impact the world today, including globalization, the WTO and IMF, global labor outsourcing, the roles of multinational corporations and national states, financial and cultural flows, and the future of the global economic system. Pass/No Pass Option.

### 2015 Schedule of Classes

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Vietnamese Language and Culture for Fluent Speakers  
(VIET 0409) 
Prerequisite: WI 001. This course is designed for advanced Vietnamese speakers. It places emphasis on the development of oral skills in a cultural context.

Wellness and Human Performance  
(WHP 0303) Beginning Modern Dance  
This course is an introduction to the varied theories, styles, and techniques of the modern dance idiom. Pass/No Pass Option.

Work Experience  
(WRKE) 300 Total hrs  
NOTE: If you are interested in work experience, please call 408-855-5025 or email: scott.brunn@wvm.edu for instructions.