### EGR 024  INTRODUCTION TO CIRCUIT ANALYSIS 3.0 UNITS
Total Lecture: 54 hours
Advisory: MAT 004A
Prerequisite: MAT 003B and PHY 004B
Acceptable for credit: University of California, California State University
This is an introductory course in the analysis of electric circuits. The emphasis is on analysis and setting up equations arising from the applications of Kirchhoff’s Laws, Ohm’s Law, and Thévenin’s & Norton’s Theorems, both in DC and AC circuits. Topics include mesh and nodal analysis, periodic forcing functions, phasors, frequency response, resonant circuits, transient responses, dependent sources, and operational amplifiers. This course is primarily for engineering transfer students. This course may also be offered via distance learning. Grade only.

### EGR 024L  INTRODUCTION TO CIRCUIT ANALYSIS LABORATORY 1.0 UNIT
Total Lab: 54 hours
Advisory: MAT 003B, PHY 004B
Corequisite: EGR 024
Acceptable for credit: University of California, California State University
Introduction to Circuit Analysis Lab. This course is an introduction to the construction and measurement of electrical circuits. Basic use of electrical test and measurement instruments including multimeters, oscilloscopes, power supplies, and function generators. Use of circuit simulation software. Interpretation of measured and simulated data based on principles of circuit analysis for DC, transient, and sinusoidal steady-state (AC) conditions. Construction and measurement of basic operational amplifier circuits. This course is primarily for engineering transfer students. Grade only.

### EGR 025  ENGINEERING GRAPHICS AND DESIGN 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Prerequisite MAT 000D or MAT 002 or MAT 003A or MAT 003AH
Acceptable for credit: University of California, California State University
This course develops graphical visualization and design skills by applying graphics based engineering methods. The course also teaches engineering design by applying the conceptual design process and integrating graphics into design projects. Graphics assignments develop sketching, manual drafting, and computer aided drafting (CAD) skills. This course is primarily for engineering transfer students. Grade only.

### EGR 026  ENGINEERING MATERIALS 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Prerequisite: CHM 001A, MAT 003B, PHY 004A
Acceptable for credit: University of California, California State University
This course presents the internal structures and resulting behaviors of materials used in engineering applications, including metals, ceramics, polymers, composites, and semiconductors. The emphasis is upon developing the ability both to select appropriate materials to meet engineering design criteria and to understand the effects of heat, stress, imperfections, and chemical environments upon material properties and performance. Laboratories provide opportunities to directly observe the structures and behaviors discussed in the course, to operate testing equipment, to analyze experimental data, and to prepare reports. This course may be offered via distance learning. Grade only.

### EGR 030  INTRODUCTION TO COMPUTING FOR ENGINEERS 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Advisory: MAT 003A and CIS 002
Acceptable for credit: University of California, California State University
This course introduces software development using a high level language such as C or C++. Engineering problems are solved through software programming techniques and by interfacing software to hardware circuits. A microcontroller system such as Arduino is used. This course may also be offered via distance learning. Pass/No Pass Option. C-ID # ENGR 220.

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### ENGLISH (ENG)
Placement in any English class is based on a placement test for new students or a grade of C or better in a previous course for continuing students. Students needing to take a placement test go directly to the Testing Center or call 408-855-5099.

### ENG 001A  ENGLISH COMPOSITION 3.0 UNITS
Total Lecture: 54 hours
Prerequisite: ENG 905AC OR ENG 908 OR ESL 980 OR
Prerequisite: Completion of the Mission College Placement Assistance Tool prior to registration.
Acceptable for credit: University of California, California State University
This course emphasizes the techniques of English composition with emphasis on the process of learning to write clearly and effectively and to read analytically. English 001A fulfills the English requirement for the Associate degree; this is a baccalaureate course. This course may be offered via distance learning. Grade Only. C-ID # ENGL 100. CSUGE: A2; IGETC: 1A.

### ENG 001AX  ENGLISH COMPOSITION WITH ADDITIONAL SUPPORT 5.0 UNITS
Total Lecture: 90 hours
Prerequisite: ESL 980 OR ENG 908 OR ENG 905AC OR
Prerequisite: Completion of the Mission College Placement Assistance Tool prior to registration.
Acceptable for credit: University of California, California State University
This course introduces the techniques of collegiate English composition with emphasis on clear, effective writing and analytical reading. Students will learn to think critically about their own writing and will receive extensive support throughout the writing process. Areas of support will include close reading, textual analysis, finding and correctly incorporating credible, relevant source material, and acclimating to a college academic environment. English 1AX fulfills the English requirement for the Associate degree. This course also satisfies the composition requirement for baccalaureate degrees. This course may be offered via distance learning. Grade Only. CSUGE: A2; IGETC: 1A.

### ENG 001B  ENGLISH COMPOSITION AND LITERATURE 3.0 UNITS
Total Lecture: 54 hours
Prerequisite: ENG 001A OR ENG 001AX
Acceptable for credit: University of California, California State University
This course continues emphasis on English composition skills with an introduction to techniques of reading and writing about literature and acquiring skills in analysis and interpretation. This course may be offered via distance learning. Grade only.

### ENG 001C  CLEAR THINKING IN WRITING 3.0 UNITS
Total Lecture: 54 hours
Prerequisite: ENG 001A OR ENG 001AX
Acceptable for credit: University of California, California State University
This course emphasizes the techniques of English composition with emphasis on clear, effective writing and analytical reading. Students will learn to think critically about their own writing and will receive extensive support throughout the writing process. Areas of support will include close reading, textual analysis, finding and correctly incorporating credible, relevant source material, and acclimating to a college academic environment. English 1AX fulfills the English requirement for the Associate degree; this is a baccalaureate course. This course may be offered via distance learning. Grade only.

### ENG 005A  ENGLISH LITERATURE THROUGH 18TH CENTURY 3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001A OR ENG 001AX
Acceptable for credit: University of California, California State University
This course is a survey of English literature that begins with Anglo-Saxon writings and the epic “Beowulf” and extends through the works of the eighteenth century ending with the writings of Samuel Johnson. Pass/No Pass Option. C-ID # ENGL 160. CSUGE: C2; IGETC: 3B.
ENGLISH COURSE PROGRESSION

Students should complete the Placement Tool for guidance on the appropriate courses based on their education goals: web.wvm.edu/placement-tool-mc/

PREPARATION CLASSES:
Gain Skills to Prepare for Transfer-Level Courses

ENGLISH COURSE PROGRESSION

Transferable Courses

Transferable Courses

1. **ENG 1AX**
   - English Composition with Additional Support
   - Provides additional support to help students be successful.
   - Fulfills English requirement for A.A./A.S. Degree; required for transfer to a four-year university.
   - Fulfills CSU GE-B and IGETC requirement.
   - 5 units

2. **ENG 1A**
   - English Composition
   - Fulfills English requirement for A.A./A.S. Degree; required for transfer to a four-year university.
   - Fulfills CSU GE-B and IGETC requirement.
   - 3 units

3. **ENG 1B**
   - English Composition and Literature
   - Recommended for B.A./B.S. Degree at a four-year university.
   - Fulfills CSU GE-B and IGETC requirement.
   - 3 units

4. **ENG 1C**
   - Clear Thinking in Writing
   - Recommended for B.A./B.S. Degree at a four-year university.
   - Fulfills CSU GE-B and IGETC requirement.
   - 3 units

Counselor advice prior to section enrollment is recommended for proper transfer requirement.
ENG 005B  ENGLISH LITERATURE FROM
19TH CENTURY TO PRESENT  3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001AX OR ENG 001A
Acceptable for credit: University of California, California State University
This course is a chronological survey of the second half of English literature, beginning with the Romantic Period of the nineteenth century and continuing to the present. Pass/No Pass Option. C-ID # ENGL 165. CSUGE: C2; IGETC: 3B.

ENG 006B  SURVEY OF WORLD LITERATURE  3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001A OR ENG 001AX
Acceptable for credit: University of California, California State University
World Literature is the study of representative works of world literature from the seventeenth century to the present. The course emphasizes the literary and cultural significance of selected great works of Western and non-Western literary traditions, including women, minority, and ethnic literature from around the world. This course may be offered via distance learning. Pass/No Pass Option. C-ID # ENGL 145. CSUGE: C2; IGETC: 3B.

ENG 007A  AMERICAN LITERATURE TO 1865  3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001AX OR ENG 001A
Acceptable for credit: University of California, California State University
This course covers major American writers and literary traditions through 1865. It begins with Native American works and ends with the work of Walt Whitman. Pass/No Pass Option. C-ID # ENGL 130. CSUGE: C2; IGETC: 3B.

ENG 007B  AMERICAN LITERATURE 1865 TO PRESENT  3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001A OR ENG 001A
Acceptable for credit: California State University, University of California
This course covers major American writers and literary traditions from 1865 to the present. Pass/No Pass Option. C-ID # ENGL 135. CSUGE: C2; IGETC: 3B.

ENG 013  CHICANA/O-LATINA/O LITERATURE  3.00 UNITS
Total Lecture: 54 hours
Acceptable for Credit: University of California, California State University
This course provides an introduction to authors, topics, and movements in Chicana/o and Latina/o literature from the 19th century to the present. Readings cover a variety of literary forms: novels, short stories, poems, drama, autobiography, and/or essays. In examining these works, particular attention is given to topics such as the similarities and differences in the experiences among Latino/a groups in the United States; the construction of identity in terms of race, gender, sexuality, and class; bilingualism and code-switching; and the relationship of the artist to his or her community. This course may be offered via distance learning. Pass/No Pass Option. C-ID # ENGL 135. CSUGE: C2; IGETC: 3B.

ENG 015  INTRODUCTION TO FILM ANALYSIS  3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: University of California, California State University
Critical analysis of film as a literary art form is covered in this course. Exemplary motion pictures are viewed and examined with special attention to film technique, thematic content, and aesthetic values. Pass/No Pass Option. C-ID # ENGL 135. CSUGE: C2; IGETC: 3B.

ENG 043  CLASSICAL MYTHOLOGY  3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001A or ENG 001AX
Acceptable for credit: University of California, California State University
Classical Mythology is an examination of the major classical myths of Western heritage for an appreciation of their literary value and their influence on modern life and culture. This course may be offered via distance learning. Pass/No Pass Option. CSUGE: C2; IGETC: 3B.

ENG 048  INTRODUCTION TO SHAKESPEARE  3.0 UNITS
Total Lecture: 54 hours
Advisory: ENG 001AX or ENG 001AX
Acceptable for credit: University of California, California State University
Introduction to Shakespeare is a study of selected plays and sonnets. The course emphasizes detailed analysis of representative tragic, comedic, romance, and history plays, as well as the cultural contexts, dramatic conventions, poetics, and critical theory relevant to understanding Shakespeare's works. The course also focuses on critical analysis of issues including, but not limited to gender, sexuality, and race as they are represented in both source material and literary criticism. Pass/No Pass Option. CSUGE: C2; IGETC: 3B.

ENG 070  CREATIVE WRITING  3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: University of California, California State University
Creative Writing focuses on imaginative writing, specifically on fiction, poetry, creative nonfiction and drama. Students learn and practice various strategies associated with these genres, read and workshop each other's writing, and read/analyze the work of professional writers. Other activities may include attending literary events, hearing visiting writers, and making book presentations. Pass/No Pass Option. C-ID # ENGL 200. CSUGE: C2.

ENG 900  WRITING SKILLS LAB     0.5 UNIT
Total Lab: 27 hours
English 900 is required for any student taking English 903 or 905. It is also advised for students wanting extra help in any English course. This course provides instruction designed to help students improve their writing by having them practice the steps of the writing process and apply writing strategies. Any student may enroll in the course. In order to receive credit, students must complete the required coursework. Pass/No Pass Only, Non-degree applicable course.

ENG 905AC  ACCELERATED ESSAY WRITING  6.0 UNITS
Total Lecture: 108 hours
Prerequisite: Completion of the Mission College Assistance Tool prior to registration.
Concentration is on the writing and revision process, academic essays and introduction to research skills. The course qualifies students for English 001A. This course may be offered via distance learning. Pass/No Pass Option. Non-degree applicable course.

ENG 908  EFFECTIVE WRITING  3.0 UNITS
Total Lecture: 54 hours
Prerequisite: Completion of the Mission College Placement Assistance Tool prior to registration.
Concentration is on the writing process, academic essays, and introduction to research skills. This course qualifies students for English 001A. This course may be offered via distance learning. Pass/No Pass Option. Non-degree applicable course.