

BEFORE ENROLLING IN DEGREE APPLICABLE COURSES, IT IS RECOMMENDED THAT YOU COMPLETE ENGL 001A AND READ 053.

## 024 • INTRODUCTION TO CIRCUIT ANALYSIS

3.0 units

Total Lecture 54.4 hours

Advisory: MATH 004A

Prerequisite: MATH 003B and PHYS 004B

Acceptable for credit: University of California, California State University

This is an introductory course in the analysis of electrical circuits. The emphasis is on setting up equations arising from the applications of Kirchoff's laws, Ohm's law, and Thevenin's theorem, both in DC and AC circuits. Topics include mesh and nodal analysis, periodic forcing functions, phasors, frequency response, resonant circuits, natural and complete responses, dependent sources, operational amplifiers, and analog signal applications. This course is primarily for engineering transfer students. *Grade Only.*

## 024L • INTRODUCTION TO CIRCUIT ANALYSIS LAB

1.0 unit

Total Lab 54.4 hours

Advisory: MATH 003B, PHYS 004B

Corequisite: ENGR 024

Acceptable for credit: University of California, California State University

This course is an introduction to the basic instruments and experimental techniques used in electric circuit analysis, such as circuit simulation software. This course is primarily for engineering transfer students. *Grade Only.*

## 025 • ENGINEERING GRAPHICS AND DESIGN

4.0 units

Total Lecture 54.4 hours, Total Lab 54.4 hours

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.*

## 026 • ENGINEERING MATERIALS

4.0 units

Total Lecture 54.4 hours, Total Lab 54.4 hours

Prerequisite: CHEM 001A, MATH 003B, PHYS 004A

Acceptable for credit: University of California, California State University

This course provides an introduction to the properties of engineering materials and their relation to the internal structure of materials. Mechanical, electrical, and optical properties of metals, ceramics, polymers, and semiconducting materials are addressed. A laboratory is included which uses experiments on campus and field trips to local industry. This course is primarily for engineering transfer students. *Grade Only.*

## 030 • INTRODUCTION TO COMPUTING FOR ENGINEERS

4.0 units

Total Lecture 54.4 hours, Total Lab 54.4 hours

Advisory: MATH 003A and CIS 002

Acceptable for credit: University of California, California State University

This course introduces engineering problem solving using computer programming. Computers are used to solve a variety of problems ranging from evaluating a simple function to solving a system of linear equations. A disciplined approach to problem solving using an industry standard high level language such as C++ is presented. Topics include: problem solving strategies, modular programming design, sample engineering problems, and application of high-level language fundamentals. This course is primarily for engineering transfer students. *Pass/No Pass Option.*

## 051 • INTRODUCTION REMOTE SENSING

4.0 units

Total Lecture 54.4 hours, Total Lab 72.0 hours

Advisory: ENGR 050

Acceptable for credit: California State University

Remote sensing is the science and art of acquiring information of an object, area, or phenomenon without being in direct contact with that object, area, or phenomenon. This course will provide students with an overview of the field of remote sensing and present the ways in which remotely sensed data can be used in scientific investigations and resource management. Topics addressed will include the electromagnetic spectrum, sensor systems, image analysis, applications, and the integration with Geographic Information Systems (GIS). *Pass/No Pass Option.*

## ENGLISH (ENGL)

DIVISION: Communications  
DEPARTMENT: English  
DEPT CHAIR: Christy Brown  
OFFICE: W3-601D  
PHONE: 408-855-5315  
COUNSELING: 408-855-5030

The English department teaches skills that are universal to every other discipline. Taking courses in English increases a student's chances of success in every other area. The ability to read effectively and to write expressively will prove invaluable for any student.

### Student Learning Outcomes:

Upon completion of the sequence of English composition courses, students will develop the skills and confidence to write successfully in academic and workplace settings:

- Write focused, organized, well-developed essays that support clear thesis statements and demonstrate competence in standard English grammar and usage;
- Demonstrate critical thinking skills by analyzing and evaluating academic essays and literature;
- Formulate and clearly communicate their positions on diverse issues;
- Write a research paper that demonstrates the effective evaluation, integration, and documentation of sources.

### Possible Career Options:

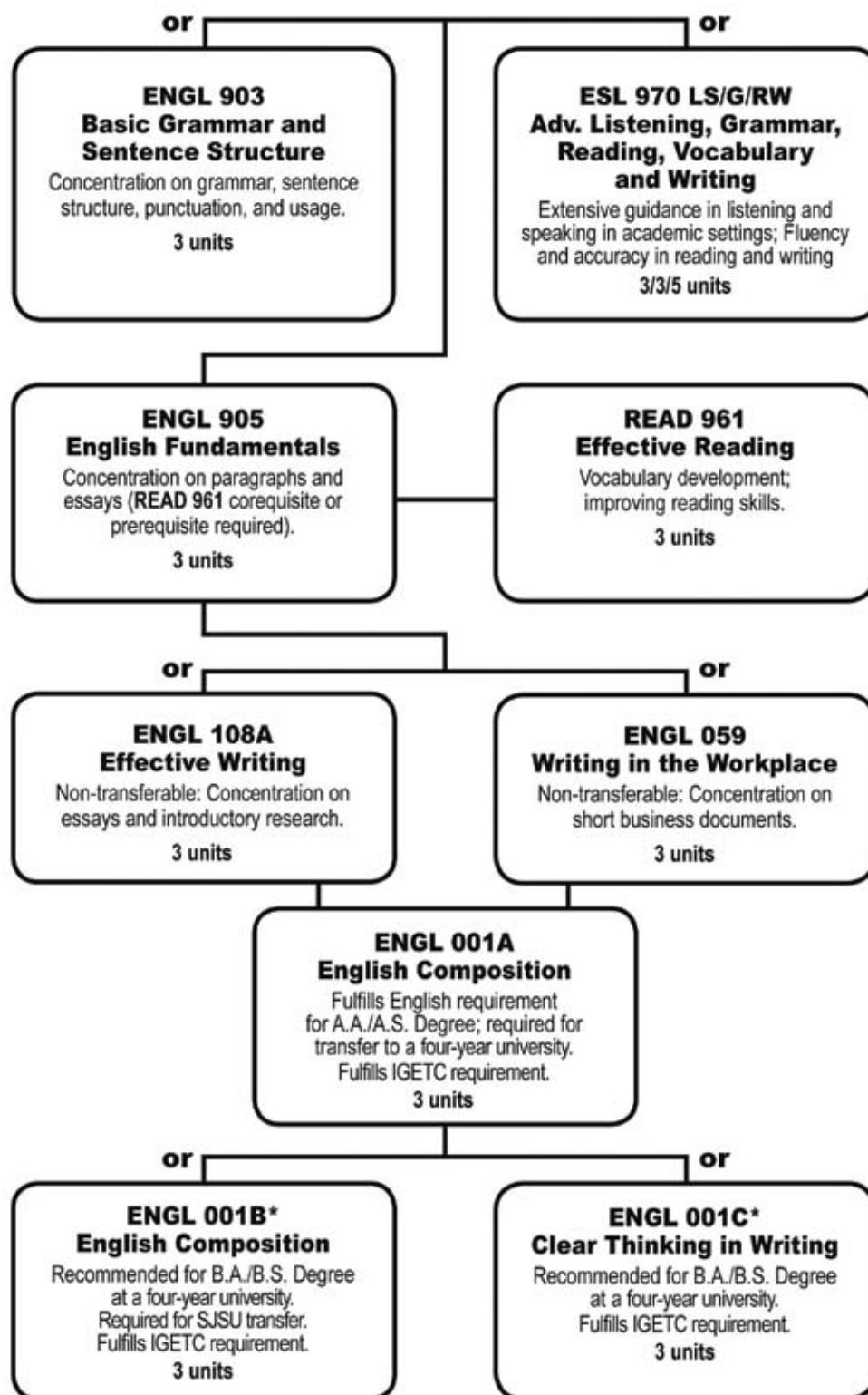
- Advertising
- Business
- Civil Service
- Editing
- Information Systems
- Insurance
- Journalism
- Law
- Library Science
- Management
- Marketing Communication
- Politics
- Public Relations
- Publishing
- Research
- Teaching
- Technical Communications
- Writing

Some career options require more than two years of college study.

### Highlights:

- Composition courses designed for all levels of ability.
- Transfer level literature and creative writing courses that meet CSU & UC requirements.
- On-line courses in composition & workplace writing.
- Experienced, innovative faculty, dedicated to student success.

**English Course Progression**



*\*Counselor advice prior to section enrollment is recommended for proper transfer requirement.*

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## ENGLISH (ENGL)

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 should contact the Counseling Center, room E1-301.

### 001A • ENGLISH COMPOSITION 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 059 or qualifying score on placement test.

Acceptable for credit: University of California, California State University

This English composition course emphasizes the writing of college level essays, research writing, argument, and analytical reading skills. It fulfills the writing requirement for the Associate degrees. *This course may also be offered via distance learning. Grade Only.*

### 001B • ENGLISH COMPOSITION 3.0 units

Total Lecture 54.4 hours

Prerequisite: ENGL 001A

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. *Grade Only.*

### 001C • CLEAR THINKING IN WRITING 3.0 units

Total Lecture 54.4 hours

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

English 001C is an advanced composition course that emphasizes critical thinking, particularly in the reading and writing of arguments. Course content includes analytical reading skills and methods of analysis, principles of logic, techniques of reasoning and of style, and research skills. *Grade Only.*

### 005A • SURVEY OF ENGLISH LITERATURE 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

A survey of English literature beginning with Anglo-Saxon writings and the epic "Beowulf," extending through the works of the eighteenth century, and ending with the writings of Samuel Johnson. *Pass/No Pass Option.*

### 006A • WORLD LITERATURE 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

A summary of World literature from the early Greeks to the 17th century. *Pass/No Pass Option.*

### 006B • SURVEY OF WORLD LITERATURE 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

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's, minority, and ethnic literature from around the world. *Pass/No Pass Option.*

### 012 • AFRICAN AMERICAN LITERATURE 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 108A

Acceptable for credit: University of California, California State University

This course explores major themes/literary issues in the development of African American literature during the periods of slavery, Reconstruction, and the Harlem Renaissance, as well as contemporary writing. Among the literary forms covered in this course are the oral tradition, poetry, slave narratives, short stories, and novels. While linking them to political, cultural, and social issues from their historical period, the course examines issues such as: African oral traditions; blues, jazz and the relationship between music and African American writing; the performance of literary texts on the abolitionist stage; racial categorization and mixed-race identity; the literature of slavery; and the influences of African American writing on American literature. *May be repeated three times. Pass/No Pass Option.*

### 014 • NATIVE AMERICAN LITERATURE 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 108A

Acceptable for credit: University of California, California State University

This course explores the history and development of Native American literature from the pre-colonial oral and written traditions to late twentieth century writing. Students will examine traditional folklore and mythology from a diverse range of Native American literary traditions, eighteenth and nineteenth century autobiographies and novels, and poetry, novels and nonfiction essays from the more recent Native American writing Renaissance. Students will discuss issues such as: colonization and responses in literature, the translation of the oral tradition into written poetry and prose, the relationship between culture and literature, sacred texts, and identity formation in Native American autobiographies. *Pass/No Pass Option.*

### 015 • INTRODUCTION TO FILM ANALYSIS 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 108A

Acceptable for credit: University of California, California State University

Critical analysis of film as a literary art form, with emphasis on classic cinema. Exemplary motion pictures will be viewed and examined with special attention to film technique, thematic content, and aesthetic values. *(Also listed as HUMAN 15) Pass/No Pass Option.*

### 018 • ASIAN AMERICAN LITERATURE 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 108A

Acceptable for credit: University of California, California State University

This course explores major themes/literary issues in the development of Asian American literature from the nineteenth through the twenty-first centuries. Among the literary forms covered in this course are: poetry, immigrant narratives, short stories, and novels. While linking them to political, cultural, and social issues from their historical period, the course examines issues such as: Asian oral traditions, music, poetry and performance, racial categorization and mixed-race, the literatures of internment, gender and Asian American writing, first and second generation autobiographies and the influences of Asian American writing on American literature. *Pass/No Pass Option.*

### 043 • CLASSICAL MYTHOLOGY 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University.

An examination of the major classical myths of Western heritage for an appreciation of their literary value and their influence on modern life and culture. *Pass/No Pass Option.*

### 044 • THE BIBLE AS LITERATURE 3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University.

A literary analysis of the Old and New Testaments with consideration of their influence upon language and literature. *Pass/No Pass Option.*

# ENGLISH

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## 045 • POPULAR FICTION IN AMERICA

3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

A study of types of popular fiction, including the detective story, the Western, and science fiction, with an analysis of their merits and shortcomings as literary art and their sources of reader appeal. *Pass/No Pass Option.*

## 047 • INTRODUCTION TO POETRY

3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

A study of the elements of poetry through reading, analysis, and discussion of selected poems; writing of analytical papers. *Pass/No Pass Option.*

## 048 • INTRODUCTION TO SHAKESPEARE

3.0 units

Total Lecture 54.4 hours

Advisory: ENGL 900A/B is a recommended co-requisite for students needing extra help with the writing requirements of ENGL 048.

Prerequisite: Eligibility for English 001A, ENGL 108A

Acceptable for credit: University of California, California State University

This course is an analysis and discussion of a selection of Shakespeare's major plays and poems with appropriate attention to Elizabethan backgrounds and dramatic conventions, in order to develop knowledge, understanding, and appreciation of major genres, themes, characters, and poetic language. *Pass/No Pass Option.*

## 049 • MODERN FICTION

3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

Reading, analysis, and discussion of the modern short story and novel in order to enhance an appreciation of literature and gain insight into the "human condition." *Pass/No Pass Option.*

## 059 • WRITING IN THE WORKPLACE

3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 905 or qualifying score on placement test

The concentration in this course is on writing short business documents, such as emails, memos, letters, short reports, and resumes. This course may also be offered via distance learning. *Pass/No Pass Option.*

## 070 • CREATIVE WRITING

3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 001A

Acceptable for credit: University of California, California State University

Creative Writing is an imaginative writing course which includes the study of the techniques involved in, as well as the writing of, articles, fiction, poetry, and drama. Also, the course will include the analysis and criticism of class writing, and preparation and marketing of manuscripts. *Pass/No Pass Option.*

## 108A • EFFECTIVE WRITING

3.0 units

Total Lecture 54.4 hours

Advisory: READ 053

Prerequisite: ENGL 905 or qualifying score on placement test

Concentration is on the writing process, academic essays, and introduction to research skills. This course qualifies students for English 001A. *Pass/No Pass Option.*

## 900 • ENGLISH COMPUTER LAB (NON-ASSOCIATE DEGREE COURSE) (Formerly ENGL 700)

0.5 units

Total Lab 27.2 hours

Corequisite: Concurrent enrollment in an English course.

This lab provides students with the opportunity to facilitate the writing process. Students will work independently on writing assignments, including paragraph exercises, essays, and business writing tasks. Topics range from introduction to word processing software to various strategies for brainstorming, drafting, revising, editing, proofreading, formatting, and layout. *May be repeated three times. Pass/No Pass Only.*

## 903 • BASIC GRAMMAR AND SENTENCE STRUCTURE (NON-ASSOCIATE DEGREE COURSE) (Formerly ENGL 103)

3.0 units

Total Lecture 54.4 hours

Prerequisite: Qualifying score on English placement test

This is a first level language skills course concentrating on sentence structure and grammar, punctuation, usage, spelling, vocabulary, and reading. This is not designed to be a course for students with English as a second language. This course does not fulfill the English requirement for the Associate degree and is not a baccalaureate level course. A grade of "credit" qualifies the student for English 905. *Pass/No Pass Only.*

## 905 • ENGLISH FUNDAMENTALS (NON-ASSOCIATE DEGREE COURSE) (Formerly ENGL 105)

3.0 units

Total Lecture 54.4 hours

Prerequisite: ENGL 903, ESL 970LS, ESL 970G and ESL 970RW (or ESL 125),

READ 961 (READ 961 can be taken concurrently) or qualifying score on English placement exam.

Corequisites: READ 961

Concentration is on the writing of basic expository paragraphs and essays having grammatically correct sentences and clear organization of ideas. *There are no final letter grades for the course. The course does not fulfill the English requirement for the Associate degree and is not a baccalaureate level class. Pass/No Pass Only.*

## 940A • ENGLISH LAB (NON-ASSOCIATE DEGREE COURSE)

0.5 units

Total Lab 27.2 hours

This course is designed to provide students with experience in practicing their writing (and related) skills. When appropriate, students will be assisted by instructors, instructional aides and associates, and/or tutors. *May be taken for a total of 3 units. Pass/No Pass Only.*

## 966 • APPLIED GRAMMAR/PUNCTUATION (NON-ASSOCIATE DEGREE COURSE)

2.0 units

Total Lecture 36.8 hours

Advisory: Eligibility for READ 053

Prerequisite: Eligibility for ENGL 108A

This course reviews the application of grammar, usage and punctuation in writing assignments for students writing at the English 108A, 001A, 001B, and 001C levels. Students develop critical thinking, analytical and editing skills to apply concepts and rules of grammar, including appropriate parts of speech, phrases and clauses, punctuation, mechanics, commonly confused words, and usage. *Pass/No Pass Option.*