

This course is an intensive study of 3D computer graphics and computer-assisted design and drafting (CADD) utilizing the latest release of SolidWorks Software. This course benefits all students in areas of study related to engineering, drafting, design, and computer graphics. Students produce 3D, parametric, computer-generated virtual models incorporating mechanical design refinements. The course emphasizes the technological skills necessary to function as a design professional in order to apply 3D design graphics technology to the specific disciplines of mechanical engineering, machine drafting and design, manufacturing, animation, modeling, and illustration. Students are introduced to a variety of ways to produce prototype models directly from CADD-generated solid geometry. Students will also take an industry standard test, Certified SolidWorks Associate (CSWA), to check for proficiency and receive certification upon passing.

4 Units

54 Lecture hours

54 Lab hours

ENGT 280

Advanced MicroStation for CADD & BIM Applications (Same as ARCH 280)

Prerequisite: ENGT 170 or appropriate CADD work experience, or appropriate placement; ENGT 101 or two years of high school drafting

Transfers to: CSU

This course is for students pursuing advanced study in MicroStation 3D parametric CADD (Computer Assisted Design and Drafting) and the BIM (Building Information Modeling) approach to building design using Bentley Architecture digital modeling applications. Students apply previously learned drafting conventions to produce 2D and 3D CADD- and BIM-generated mechanical and architectural drawings and virtual design models. This course benefits all students studying architecture, civil engineering of all types, drafting, design and computer graphics. Emphasis is placed on the high technology skills necessary to function as a designer or CADD drafter.

4 Units

54 Lecture hours

54 Lab hours

ENGT 290

Cooperative Work Experience/Internship for Drafting Related Fields

Advisory: ENGL 035 or ENLA 100 or appropriate placement; READ 043 or appropriate placement

Transfers to: CSU

This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor,

and is facilitated by the use of learning objectives. Students work in a skilled or professional-level assignment in their area of vocational interest and meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is in drafting-related fields and who have completed or enrolled in the appropriate coursework. Instructor approval is needed to enroll in the course. Contact the CWE office regarding re-enrollment procedures.

Student Unpaid Internship:

1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours

Student Paid Internship:

1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.

1 to 4 Units

3 Lecture hours

60 to 300 Other hours

ENGT 299

Directed Study in Engineering Design Drafting

Prerequisite: 2.5 overall grade point average and a 3.0 grade point average in the discipline of study being requested, or receive an exception from the instructor
Advisory: ENGL 035 or ENLA 100 or appropriate placement; READ 043 or appropriate placement

Transfers to: CSU

This course provides an opportunity for students to expand their studies beyond the classroom by completing a project or an assignment arranged by an agreement between the student and instructor. Students are required to contract with the instructor to determine the scope of the assignment and the unit value assigned for successful completion. Students may take a maximum of 3 units of directed study within a discipline and 9 units college wide.

1 to 3 Units

54 to 162 Lab hours

ENGLISH

Division of Communications & Languages

ENGL 010S

English Composition Support

Corequisite: ENGL 101

Advisory: ENGL 030 or ENLA 034 or appropriate placement

This is a co-requisite support course for English 101 composition students which assists students who may benefit from supplemental support so that they can succeed in a college-level English composition course. Students will be afforded additional

practice in all phases of composition, grammar, and mechanics.

1 Units

18 Lecture hours

ENGL 010SP

English Composition Support Plus

Corequisite: ENGL 101

Advisory: READ 022 or appropriate placement

This is a co-requisite support course for English 101 composition students which assists students who may benefit from additional support so that they can succeed in a college-level English composition course. Students will be afforded additional practice in all phases of composition, grammar, and mechanics.

2 Units

36 Lecture hours

ENGL 020

College Writing Skills

This course is designed to provide students with the skills needed for writing in many college courses. The course covers the basics of college English skills, such as thesis statements, grammar, paper organization, and formatting. This course is intended to prepare students entering college who are planning to take any level of English or English as a new language (ENLA). This is a non-degree applicable course offered on a pass/no pass basis.

0.5 - Units

9 - Lecture hours

ENGL 035

Introduction to College Composition

Prerequisite: ENGL 030 or ENLA 034 or appropriate placement

Corequisite: ENGL 035W

ENGL 035, a foundation-level composition course, prepares students to succeed in transfer-level English courses by developing and reinforcing essential college writing skills. Instruction on utilizing critical reading, thinking, and reasoning skills will be the focus of selected college-level readings. Through the use of engaging thematic units, students will practice effective written communication through a process-centered approach, including pre-writing, drafting, and multiple revisions of their work during the submission process. Throughout the semester, emphasis will be placed on active learning, skill development, as well as tools for college and life success. This is a non-degree credit course and is offered on a pass/no pass basis. In addition to ENGL 035, students will concurrently enroll in the ENGL 035W Writing Workshop where they will take part in workshop-specific assignments and additional individualized activities that complement and strengthen their work in ENGL

035. ENGL 035W Writing Workshop is required and offered on a pass/no pass basis.

3 Units

54 Lecture hours

ENGL 035W

Writing Workshop

Corequisite: ENGL 035

Advisory: READ 022 or appropriate placement

In this course, ENGL 035 students will participate in instruction that is designed to complement the Course Content from ENGL 035. Students will develop and improve their writing and language skills through individualized lessons and conferences with composition instructors. All ENGL 035 students must be concurrently enrolled in this course. This course is non-degree applicable, offered on a Pass/No Pass basis, and may be repeated one time for credit.

0.5 Units

27 Lab hours

ENGL 101 (C-ID ENGL 100)

College Composition and Research

Prerequisite: ENGL 035 or ENLA 100 or appropriate placement

Transfers to: UC, CSU

This composition course enables students to generate logical, coherent essays and reports necessary for academic and professional success. Students become proficient in research techniques, and learn critical reading and thinking skills through expository and persuasive reading selections before applying these skills to creating original essays and a final research paper. The lab component of the course is designed to assist students in improving and refining their writing and language skills: Students complete lab activities that enhance their ability to compose logical, well-supported arguments that exhibit grammatical fluency and correct citation styles. Students meet with composition instructors through individual conferences that address students' specific writing concerns. This course is designed for students who wish to fulfill the general education requirement for Written Communication.

3.5 Units

54 Lecture hours

27 Lab hours

ENGL 104

Tutorial Skills in Composition

Prerequisite: ENGL 101 with a grade of "A" or ENGL 201 with a grade of "A" or "B"

Prerequisite/Corequisite: ED 090

Transfers to: CSU

This course prepares students to tutor in composition/writing. Prospective tutors will be trained to assist students in all stages of the writ-

ing process: invention/prewriting, composing/drafting, revising, and editing. Emphasis will be placed on the dialogic nature of the tutoring process in writing. This course is intended for all prospective tutors and coaches who will be helping students in writing.

0.5 Units

9 Lecture hours

ENGL 125

Grammar and Usage

Prerequisite: ENGL 035 or ENLA 100 or appropriate placement

Advisory: READ 043 or appropriate placement

Transfers to: UC, CSU

This course explores parts of speech, varieties of sentence structures, common grammar and usage problems, and how to apply these issues to real-world communications. It is designed for students who wish to expand their knowledge of standard American English and thereby increase their skill in the written and spoken language. It is especially helpful for students planning to go into teaching.

3 Units

54 Lecture hours

ENGL 126

Languages of the World

Advisory: ENGL 035 or ENLA 100 or appropriate placement; READ 043 or appropriate placement

Transfers to: UC, CSU

This is a linguistics course which covers the major languages families of the world and representative languages from those families. It presents the phonology, morphology, syntax, and pragmatics of these languages. It is specifically targeted at those who will be working with non-native speakers of English in order to equip them to recognize the cross-linguistic influences of other languages on English, thus preparing them to communicate more effectively with their clients and/or students and to assess the linguistic and sociolinguistic factors which affect communication. This course is useful for majors in foreign language, anthropology, communications, health science, and English, and especially for those planning to enter elementary and secondary teaching in California, with its diversity of languages and cultures.

3 Units

54 Lecture hours

ENGL 127

Language Structure and Language Use: Introduction to Linguistics

Prerequisite: ENGL 035 or ENLA 100 or appropriate placement

Advisory: READ 043 or appropriate placement

Transfers to: UC (credit limit), CSU*

(*Students will receive credit for only one of the following courses: ENGL 127 or ENGL 127H)

This course explores the nature and structure of world languages. Students will study whole language development through discourse and semantics. The structure of words, which includes phonology, morphology, how words are used together in sentences, syntax, will also be explored. The tool to decode worldwide sounds, the International Phonetic Alphabet, will be a key element in the course. Students will also discuss the difference between learning a language and acquiring a language. This course is beneficial for future teachers and for those majoring in any foreign language, English, communications, and anthropology.

3 Units

54 Lecture hours

ENGL 127H

Language Structure & Language Use: Introduction to Linguistics Honors

Prerequisite: ENGL 101

Advisory: READ 043 or appropriate placement

Transfers to: UC (credit limit), CSU (*Students will receive credit for only one of the following courses: ENGL 127 or ENGL 127H)*

This course explores the nature and structure of world languages. Students will study language development through discourse and semantics as well as language use. The structure of words, which includes phonology, morphology, and how words are used together in sentences, syntax, will also be explored. A tool to decode worldwide sounds, the International Phonetic Alphabet, will be a key element in the course. Students will also discuss the difference between learning a language and acquiring language. This course is beneficial for future teachers and for those majoring in any foreign language, English, communications, and anthropology. This course is designed for students eligible for the Honors Program.

3 Units

54 Lecture hours

ENGL 131 (C-ID ENGL 200)

Creative Writing

Prerequisite: ENGL 101

Transfers to: UC, CSU

This course is for students interested in various types of writing as forms of expression. It offers students a workshop setting in which to develop their writing skills in various genres such as fiction, poetry, and playwrighting. Students will learn to "read as writers" by analyzing published writings in various genres with a focus on authorial techniques and effectiveness. Students also will be required