ECON 11  Statistics for Business and Economics
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social science, psychology, life science, health science, and education. Additional and more extensive case studies from business and economics, emphasizing statistical results that provide guidance for business decisions or suggest solutions to contemporary business and economic problems; use of larger data sets analyzed with computer software programs. (C-ID: MATH 110) PREREQUISITE: Math 233, or Math 233A and Math 233B, or Math 235, or Math 240, or Math 242 with a grade of "C" or better.

ECON 14  Personal Finance
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU

This course is designed to assist individuals to analyze their financial affairs for lifelong decision making. Elements and concepts of financial planning and decision making in the areas of budgeting, taxes, borrowing, money management, insurance, investments, retirement, and estate planning will be examined. This course is also listed as BUS 14. This course has the option of a letter grade or pass/no pass. ADVISORY: Math 400

ECON 15  Financial Management
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:B4, IGETC:5C, GAV-GE:B4

An introduction to the principles of financial management. Topics include principles of financial and investment management, including the financial management environment, decision-making, financial planning and decision making in the areas of financial management, financial planning, and financial management. (C-ID: MATH 110) PREREQUISITE: Math 233, or Math 233A and Math 233B, or Math 235, or Math 240, or Math 242 with a grade of "C" or better.

ECON 16  Corporate Finance
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

An introduction to the principles of corporate finance. Topics include financial management, financial planning, and financial management. (C-ID: MATH 110) PREREQUISITE: Math 233, or Math 233A and Math 233B, or Math 235, or Math 240, or Math 242 with a grade of "C" or better.

ECON 17  International Finance
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

An introduction to the principles of international finance. Topics include financial management, financial planning, and financial management. (C-ID: MATH 110) PREREQUISITE: Math 233, or Math 233A and Math 233B, or Math 235, or Math 240, or Math 242 with a grade of "C" or better.

ECON 18  Money, Banking, and Financial Markets
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

An introduction to the principles of money, banking, and financial markets. Topics include financial management, financial planning, and financial management. (C-ID: MATH 110) PREREQUISITE: Math 233, or Math 233A and Math 233B, or Math 235, or Math 240, or Math 242 with a grade of "C" or better.

ECON 19  Financial Institutions and Markets
Units: 3.0  Hours: 3.0 Lecture
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

An introduction to the principles of financial institutions and markets. Topics include financial management, financial planning, and financial management. (C-ID: MATH 110) PREREQUISITE: Math 233, or Math 233A and Math 233B, or Math 235, or Math 240, or Math 242 with a grade of "C" or better.
ENGR 4  Properties Of Materials  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC  Basic principles of physics and chemistry are used to determine the quantitative relationships that describe the behavior of solids. Particular emphasis is placed upon the relationship between the structure and properties of crystalline solids. Applications consider control of properties as an engineering design variable. A term paper based upon review of the periodical technical literature is required. PREREQUISITE: Chemistry 1A and Physics 4A.

ENGR 5  Engineering Programming and Problem Solving  Units: 3.0  Hours: 2.0 Lecture and 3.0 Laboratory  Transferable: CSU, UC  An introduction to engineering problem solving using computer programming, numerical computing, and spreadsheets. Topics will include basic control structures, data types, input/output, an introduction to the design, implementation, testing and documentation of software, and the syntax and semantics of a modern programming language. Additional topics include matrix manipulation, curve plotting, finding solutions of ODEs, statistical analysis and presentation of data using available software. PREREQUISITE: Mathematics 1A with a grade of'C' or better. May be taken concurrently.

ENGR 10A  Introduction to Engineering I  Units: 2.0  Hours: 1.5 Lecture and 1.5 Laboratory  Transferable: CSU, UC  Engineering 10A introduces students to the engineering profession. Topics will include an introduction to the various engineering disciplines; the role of engineers and engineering in society; the curriculum requirements for the various engineering disciplines at different four-year institutions; academic success strategies; personal and professional development techniques; an introduction to the engineering design process; an introduction to engineering problem-solving methodologies; engineering ethics; communication skills; and working as a member of a team. ADVISORY: English 250.

ENGLISH

ENGL 1A  Composition  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-1A, GAV-GE-A2  This is a writing course which emphasizes expository writing, argumentative writing, and critical reading of expository prose. It is meant to train students in clear thinking and reasoned support of ideas. Students will be given the opportunity to read models of good expository and argumentative prose and learn the techniques of good writing. These include choosing appropriate subjects, developing restricted, unified, and precise theses and presenting supporting evidence in a logical, lucid, and effective manner. To achieve this end, students write no fewer than six essays (a minimum of 6,000 words) and read at least five works, two of which are book length. (C-ID: ENGL 100) PREREQUISITE: English 250 and English 260 or equivalent with grade of 'C' or better or satisfactory score on the English placement examination.

ENGL 1B  Composition and Literature  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2, F  English 1B continues the work begun in 1A, but now the emphasis shifts to writing expository prose in conjunction with reading and analyzing imaginative literature. Students are to write as fledgling critics and use the text as a basis for other forms of reflection. The reading requirement includes short stories, poetry, drama, and at least two novels. Course work will also include fundamentals of research writing. Minimum 6,000 words of formal writing. (C-ID: ENGL 100) PREREQUISITE: English 1A with a grade of 'C' or better.

ENGL 1C  Critical Reasoning and Writing  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-A3, IGETC-1B, GAV-GE-C2  This course is designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A. The emphasis is on critical analysis of arguments and the development of the ability to integrate the principles of critical thinking into essay writing. Students will write a minimum of 6,000 words. (C-ID: ENGL 105) PREREQUISITE: English 1A with a grade of 'C' or better.

ENGL 2B  American Ethnic Literature  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2, F  Students will examine the concept of ethnicity in the context of contemporary American multi-ethnic literature: Native American, Hispanic American, Black American, Asian American. Students will critique this literature using the accepted elements of literary criticism. They will read and analyze selections from each literature and explain their results in journals, oral presentations, a research project and examinations. PREREQUISITE: Eligible for English 1A.

ENGL 2C  Introduction to Film and Fiction  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2  This is a literature course in analysis of the novel and film as art forms. The student will read several novels, view the films based on the novels, and discuss the difference in techniques, both orally and in writing. PREREQUISITE: Eligible for English 1A.

ENGL 2E  Introduction to Women Writers  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2, F  This is a transfer literature class which examines the history of women as writers and distinguishes themes in women's literature using the tools of literary criticism. PREREQUISITE: Eligible for English 1A.

ENGL 2F  Children’s Literature  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2, F  A survey of texts for elementary and intermediate grades, with a focus on literary analysis, criticism and evaluation. Study of Historical backgrounds and development of genres of children's literature in a cross section of cultures. This course has the option of a letter grade or pass/no pass. (C-ID: ENGL 180) PREREQUISITE: English 1A.

ENGL 2J  World Mythology  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2, F  This course is a survey of myths from around the world, with an emphasis on literary analysis of the myths. The course covers the purposes and types of myths; the development of myths and mythological characters, the recurring elements of mythological structures, the influence of mythology on contemporary texts. PREREQUISITE: Eligible for English 1A.

ENGL 4A  British Literature - 449 to 1798 A.D.  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2  This course is a study of the masters of early British Literature from the years 449 - 1798 and the major literary trends within that time period. In this course, students will work to understand the language and concepts within early British poetry and prose, as well as explore the social and historical influences which inform this literature. (C-ID: ENGL 100) PREREQUISITE: Eligible for English 1A.

ENGL 4B  British Literature - 1798 to Present  Units: 3.0  Hours: 3.0 Lecture  Transferable: CSU, UC, CSU-GE-C2, IGETC-3B, GAV-GE-C2, F  This course is a study of the masters of British Literature from 1798 to present, as well as an exploration of major literary trends during the Romantic, Victorian, Modern, and Contemporary Literary Eras. Note: this course need not be taken in sequence. PREREQUISITE: Eligible for English 1A, Composition.