COU 051A PERSONAL GROWTH-INCREASING SELF-ESTEEM 1.0 UNIT
Total Lecture: 18 hours
Advisory: Eligibility for ENG 001A and REA 054
This course assists students in increasing an awareness of themselves and others, identifying strengths and weaknesses in personal growth, and enhancing self-esteem. It is designed to increase their ability to function more effectively and to handle personal problems and decisions. Topics to be addressed are self-esteem, developing and reaching goals, identifying fears and learning how to overcome them, clarifying values, and improving communication skills. Pass/No Pass Option.

COU 055 VALUING DIVERSITY 3.0 UNITS
Total Lecture: 54 hours
Advisory: Eligibility for ENG 001A and REA 054
Acceptable for credit: California State University
This course addresses the complexities of interpersonal relationships among and between several cultures and ethnic groups within our society. Students examine cultural perceptions, while exploring self-concepts, values, beliefs, communication styles, religion, gender, ageism, and lifestyles in order to promote respect for differences and develop a sense of community. This course may be offered via distance learning. Pass/No Pass Option.

COU 145B BRIDGE TO COLLEGE 1.0 UNIT
Total Lecture: 18 hours
Advisory: Eligibility for ENG 001A and REA 054
This course is designed to provide new students with basic information needed to attend college. It includes an orientation to Mission College programs and services, assessment information, registration procedures, an overview of general education requirements and educational planning. The course is also designed to improve students’ study skills. Time management, note taking, preparation for exams and other study habits and techniques are covered. This course may be offered via distance learning. Pass/No Pass Option.

ECONOMICS (ECN)

ECN 001A PRINCIPLES OF MACROECONOMICS 4.00 UNITS
ECN 001A (replaces ECN 001A/001AL)
Total Lecture: 54 hours, Total Lab: 54 hours
Advisory: MAT 000C
Prerequisite: MAT 903
Acceptable for credit: University of California, California State University
This course is an introduction to macroeconomic analysis. Topics include aggregate measures of economic activity, such as gross domestic product, unemployment, and inflation; market systems; macroeconomic models and their equilibria; effects of fiscal and monetary policy; economic growth; evolution of economic thought; and international economics. The course also includes an online lab component that reinforces concepts learned through deeper learning and applications, and offers additional practice with solving problems in economics. This course may be offered via distance learning. Grade only. C-ID # ECON 202. CSUGE: D; IGETC: 4.

ECN 001B PRINCIPLES OF MICROECONOMICS 4.00 UNITS
ECN 001B (replaces ECN 001B/001BL)
Total Lecture: 54 hours, Total Lab: 54 hours
Advisory: MAT 000C
Prerequisite: MAT 903
Acceptable for credit: University of California, California State University
This course is an introduction to microeconomic analysis that focuses on choices of individual economic decision makers. Topics include scarcity and resource allocation, elasticity, market equilibrium in competitive and noncompetitive market structures, consumer behavior, production decisions, income distribution, market failure and effects of government intervention. This course includes a lab component, which provides additional practice and deeper learning and applications. This course may be offered via distance learning. Grade Only. C-ID # ECON 201. CSUGE: D; IGETC: 4.

ECN 006 THE GLOBAL ECONOMY 3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: University of California, California State University
This course examines the core concepts and prominent forces of international economics and the relationships of nations and their economic policies. Opinions and viewpoints from a range of individuals in the private and public sector from around the globe are presented to expand insight into the increasing economic interdependence of nations. This course is cross-listed as GLB 006 and SOC 006. This course may be offered via distance learning. Pass/No Pass Option. CSUGE: D; IGETC: 4.

ENGINEERING (EGR)

EGR 010 INTRODUCTION TO ENGINEERING 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Advisory: MAT 903
Acceptable for credit: University of California, California State University
This course exposes students to the field of engineering and the various engineering disciplines. Course presents the basic skills necessary to succeed as an engineering student. The nature of engineering work and the roles of engineers are explored. The Engineering Design Process is addressed through multiple team-based projects and engineering problem-solving topics. Communication skills for technical presentations and reports are developed through practical engineering scenarios. Guest speakers from local engineering firms and tours to local companies are included. Pass/No Pass Option.

EGR 010H INTRODUCTION TO ENGINEERING – HONORS 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Advisory: MAT 903 or MAT 903M
Acceptable for Credit: California State University
This course is the honors version of Introduction to Engineering. This course exposes students to the field of engineering and the various engineering disciplines. Course presents the basic skills necessary to succeed as an engineering student. The nature of engineering work and the roles of engineers are explored. The Engineering Design Process is addressed through multiple team-based projects and engineering problem-solving topics. Communication skills for technical presentations and reports are developed through practical engineering scenarios. Guest speakers from local engineering firms and tours to local companies are included. Students may not receive credit for both EGR 010 and EGR 010H. Enrollment in the Honors Transfer Project is required. Pass/No Pass Option.

EGR 023 MECHANICS - STATICS 3.0 UNITS
Total Lecture: 54 hours
Advisory: Eligibility for ENG 001A and REA 054
Prerequisite: MAT 003B or any higher level math and PHY 004A
Acceptable for credit: University of California, California State University
This course applies the principles of mechanics to evaluate the static equilibrium of two- and three-dimensional engineering structures. Topics include the equilibrium of particles, equivalent force systems, equilibrium of rigid bodies, distributed loads, internal forces in beams, shear and bending moment diagrams, truss analysis, and friction. This course is primarily for engineering transfer students. This course may also be offered via distance learning. Grade only. C-ID # ENGR 130.

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 Kirchoff'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,