

ENGINEERING (ENGR) COURSES

ENGR 100 1 Unit

Engineering Career Exploration

Lecture: 18 contact hours

Advisory: Eligibility for college level English and Mathematics based on the SBVC Guided-Self Placement process.

This course introduces students to the major fields of specialization within engineering and engineering technology professions. This course gives students a broad understanding of various career opportunities and the specialized demands and rewards of each field.

Associate Degree Applicable

Transfers to both UC/CSU

ENGR 265 3 Units

Engineering Mechanics - Statics

Lecture: 54 contact hours

Prerequisite: PHYSIC 202

This is a foundation course in many branches of engineering. Some of the topics covered are two and three dimensional equilibrium of particles and rigid bodies, analysis of frames, machines, trusses, non-coplanar force systems, and the principles of friction.

Associate Degree Applicable

Transfers to both UC/CSU