

ENGINEERING (ENGR) COURSES

ENGR 100 1 Unit

Engineering Career Exploration

Lecture: 18 contact hours

Advisory: Eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment 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