

Introduction to Engineering Techniques

Level of Difficulty	Estimated Homework	Prerequisites
Moderate Difficult Very Difficult	0 - 30 minutes	District: NONE Department: Recommendation: NONE

Course Description

Introduction to Engineering Techniques provides students with tools to pursue further study in engineering. This includes but is not limited to the study of strengths of materials, electronic circuits, mathematical analysis, and engineering design. Coursework is heavily project based learning as well as reading texts and writing. Assignments will be from various fields of engineering including Mechanical, Electrical, Civil, and Aerospace. The class is intended for those interested in exploring engineering as a career or seeking a CTE class that is connected to STEM. This course is UC Approved. *At some sites this course was called Principles of Engineering

Grading

Please see individual teacher syllabi for grading policies.

Syllabus Link

[TP - Brinn Belyea](#)

[CCA - Tony Mauro](#)

[LCC - Emily Steward](#)

Supplemental Information

- 10 credits
- Meets UC/CSU subject area "G"
- Meets high school graduation requirement for Practical Art/CTE, Visual and Performing Art or elective credits