

ENGR 261 Circuits and Devices Laboratory

ENGR 261 CIRCUITS AND DEVICES LABORATORY

Introduction to the design, construction, and measurement of electrical circuits using electrical test and measurement instruments as well as circuit simulation software. The course covers the interpretation of measured and simulated data based on principles of circuit analysis for DC circuits, complete response of first and second-order RLC circuits, and sinusoidal steady-state (AC) circuits. The course also includes the design, measurement, and analysis of circuits with diodes, rectifiers, transistors, and operational amplifiers *Letter Grade Only. Degree Credit.*

Units: 1

Hours/semester: 48-54 Lab

Prerequisites: Completion of, concurrent enrollment in ENGR 260

Recommended: Eligibility for ENGL C1000 (Formerly ENGL 100).

Transfer Credit: CSU, UC

C-ID: ENGR 260 L

