

# ENGR 260 Circuits and Devices

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## **ENGR 260 CIRCUITS AND DEVICES**

An introduction to the theory and techniques of circuit analysis. Circuit laws and nomenclature, resistive circuits with DC sources, controlled sources, ideal operational amplifiers, natural and complete responses of first- and second-order circuits, steady-state sinusoidal analysis, power calculations, amplifiers, and three-phase circuits. *Letter Grade Only. Degree Credit.*

**Units:** 3

**Hours/semester:** 48-54 Lecture; 96-108 Homework

**Prerequisites:** PHYS 260 and completion of, or concurrent enrollment in, MATH 275

**Transfer Credit:** CSU, UC

**C-ID:** ENGR 260

