ECE 361: Design and Design Tools in ECE

ELECTRICAL ENGINEERING

Command line SPICE; drawings for laser cutters and NC milling machines; specifying real resistors, capacitors, and inductors; understanding ground concepts; designing DC power supplies: PCB layout using KiCad or similar; numerical optimization for design; research and the creative process in design.
1 Credit

Prerequisites

- El E 351: Electronics Circuits I
- Engr 361: Electric Circuit Laboratory

Instruction Type(s)

- Lab: Laboratory for ECE 361

Subject Areas

- Electrical and Electronics Engineering
- Computer Engineering, General

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