

ECE 8568: Optoelectronic Devices & Cir

Principles of operation, terminal characteristics and circuit implementation of various optoelectronic devices. Devices: light emitting diodes, semiconductor lasers, infrared photodetectors, optoisolators, charge coupled devices, solar cells, and optoelectronic switching. SPICE modeling of devices and circuits containing these devices will be emphasized.

Credits: 3.0

Prerequisites:

ECE 7500 :C