

INT 123: Concepts of Solid State Electronics

This course is an introduction to semiconductor fundamentals and applications to electronic devices. It covers the basic operations and applications of rectifier circuits, transistors, and thyristors. Coverage is given to safety, use, and care with hazardous materials and personnel as well as material and environmental considerations. Upon completion students will be able to construct and test for proper operation of various types of solid state devices.

Credits: 3

Lab Hours: 2

Lecture Hours: 3