

# EET 114: Concepts of Solid State Electronics

This course is an introduction to semiconductor fundamentals and applications to electronic devices. Course covers the basic operations and applications to include rectifier circuits, transistors, and thyristors. Coverage is given to safety, use, and care with hazardous materials and personal 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:** 5

**Lab Hours:** 4

**Theory Hours:** 3

**Prerequisites:**

EET 103

**Program:** [Electronic Engineering Technology](#)