

## **ELCR 1030 : Solid State Devices**

This course provides instruction in the theory and application of solid state devices in the electronics industry. Emphasis is placed on the physical characteristics and uses of solid state devices. Topics include PN diodes, power supplies, voltage regulation, bipolar junction theory and application, field effect transistors, and special applications.

**Credits** 5

**Prerequisites**

ELCR 1010

ELCR 1020