

# ILT 240: Sensors Technology and Applications

This course provides a study of industrial electronic sensors. Topics include, but are not limited to, photo-electric, temperature, gas and humidity, pressure and strain sensors. The lab enables students to test and troubleshoot electronic sensors and sensor circuits. Upon completion, students should be able to select, install, test, and troubleshoot industrial electronic sensors.

**Credits:** 3

**Prerequisites:**

A grade of C or better in ELT 108 and ELT 109 and ELT 209

**Program:** Industrial Electronics Technology

**Manipulative Laboratory:** 3

**Theory Credit:** 2