

# ILT 114: Instrumentation Operation and Calibration

The hardware used to measure and control process variables is presented. The student learns the principles of operation, servicing, maintenance, calibration, and troubleshooting procedures used on mechanical, pneumatic, electronic and digital based industrial transmitters, recorders, controllers, valves, and other control devices. The course is broken down into theory and laboratory work on actual process measuring and control equipment.

**Credits:** 3

**Prerequisites:**

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

**Program:** Industrial Electronics Technology

**Experimental Laboratory Credit:** 2

**Theory Credit:** 2