

# ELC 128 : Intro to PLC

This course introduces the programmable logic controller (PLC) and its associated applications. Topics include ladder logic diagrams, input/output modules, power supplies, surge protection, selection/installation of controllers, and interfacing of controllers with equipment. Upon completion, students should be able to understand basic PLC systems and create simple programs.

**Credits** 3

**Class Hours** 2

**Lab Hours** 3

**Clinical Experience Hours** 0