

## **Programmable Logic Controls (PLCs) - AE150**

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**Section:** AE150 002261S Main Campus

**Credit Hours:** 3.00

**Course Description:** This course examines types, installation, programming procedures and troubleshooting of programmable logic controllers (PLCs). Hardware and programming aspects, as well as ladder logic symbols and operations necessary to develop a PLC program, are covered in this course.

**Course Notes:** Concurrent enrollment in ME110 Fundamentals of Motor Controls

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**WHEN** Start Date: 08/19/2026 End Date: 12/09/2026

**Days:**

MW

2:30 PM - 4:00 PM

Campus: Main Campus

Building: Industrial Technology Center

Room: ITC105

### **INSTRUCTOR**

JIM SHANNON

### **BOOKS**

Title: PROGRAMMABLE LOGIC CONTROLLERS 2025 Edition

Author: F. PETRUZELLA

Required: Yes

Title: PLC LAB MANUAL FOR RSLOGIX 5000 6TH Edition

Author: F PETRUZELLA

Required: Yes