

IIT 221: Programmable Logic Control

This course covers the fundamentals of programmable logic controller (PLC) hardware, programming and integration with mechatronic automation systems. Students will integrate PLC functions by writing logic programs and testing these programs on a functioning system. Students will identify malfunctioning PLC programming and apply troubleshooting strategies to identify and localize problems caused by PLC hardware.

Credits: 4

Prerequisites: ICS 141 with a grade of C or better.

Program: [Integrated Industrial Technology](#)

Recommended Prep: Must be able to use a desktop and/or laptop computer with a high degree of proficiency.