ELEC2208 - Programmable Logic Controllers

Credits:	2 (1/1/0)
Description:	This course covers the theory, operation, installation, hardware, software and practical applications of programmable logic controllers (PLC). Basic PLC programming techniques for counters, timers and sequencers will be presented.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Exhibit safe work habits. 2. Identify logic symbols. 3. Understand PLC ladder logic diagrams. 4. Design PLC ladder logic diagrams. 5. Install PLC ladder diagrams. 6. Demonstrate PLC program operation. 7. Calculate PLC logic capabilities. 8. Troubleshoot PLC fault codes. 9. Interpret electrical schematics.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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