

**Lehigh Carbon Community College  
Programmable Logic Controllers – Level 1  
w/ Electrical Systems pre-requisites  
15 LAPs, 99 Hours**



**Electrical Systems Control**

- Control Logic
- Sequencing Control
- Timers and Advanced Systems

**PLC's**

- Introduction to Programmable Controllers
- Basic PLC Programming
- PLC Motor Control
- Discrete I/O Interfacing
- PLC Timer Instructions
- PLC Counter Instructions
- Introduction to PLC Troubleshooting
- PLC Systems Troubleshooting
- Event Sequencing
- Application Development
- Program Control Instructions
- Math and Data Move Instructions