

PLC Core Skills Series

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Participants in the PLC Core Skills Series will complete the 3 essential PLC classes: PLC Basics, PLC Intermediate and PLC Advanced Application Topics.

35 hours, 5 sessions

GAP Eligible – Tuition Assistance Available

▶ PLC Basics

This course is designed for maintenance personnel and electricians working in plants, facilities, and commercial buildings with minimal to no PLC experience. The topics covered in this course will include hardware components, establishing communication to the PLC, understanding uploading, downloading, online, offline, run mode, remote mode, program mode and basic PLC programming. This course is designed for students with minimal to no PLC experience. **7 hours, 1 session**

▶ PLC Intermediate

This course is designed for maintenance personnel and electricians working in plants, facilities or commercial buildings with basic PLC knowledge using the Compact Logix 5000 System. The topics covered in this course will include hardware components, establishing communication to the PLC, uploading, downloading, online, offline, run mode, remote mode, program mode and basic PLC programming. Also covered is interpretation of ladder diagrams, search functions, addressing, program files, data files and working with the following instruction sets: XIO, XIC, OTE, OTL, OTU, TON, RTO, TOF, RES, CTU, & CTD and basic troubleshooting. **14 hours, 2 sessions**



▶ PLC Advanced Application Topics

PLC Advanced Application Topics explores debugging and problem-solving of PLC programs and hardware. It is important that participants have a solid understanding of PLC programming and field hardware. Participants who have successfully completed PLC Basics and Intermediate will be ready to take their skills and knowledge to the next level. **14 hours, 2 sessions**

Classes through CBIZ in Burlington

REGISTER OR LEARN MORE:

Call 319-208-5375 or visit cbiziowa.com