

Programmable Controllers

Level 2 - PLC's for Maintenance Technicians

This course builds upon the content of the Level I course and expands to include intermediate topics associated with PLC's. The instructor guided information along with hands-on activities allow participants to immediately utilize the newly developed skills. Topic coverage will provide participants an understanding of program flow, routines and program control, data manipulation.

Hands-On Exercises Include:

- Setting up communications with the PLC via Serial cable
- Using RsLinx communication software
- Using RsLogix 500/Studio 5000 software/ Connected Components Workbench
- Establishing Communications
- I/O Configuration
- I/O Addressing/Tags
- Relay Instructions
- Timer Instructions
- Counter Instructions
- Comparison Instructions
- Math Instructions
- Real World Applications



OVER 60 HANDS ON LAB EXERCISES



Available PLC Platforms

- AB MicroLogix/SLC using RSLogix 500
- AB CompactLogix using Studio 5000
- AB Micro800 using Connected Components Workbench

Course Length: 2 Days

Prerequisites: Level 1 Introduction to PLCs

A good understanding of electrical control devices is recommended along with basic computer skills, saving files and directory navigation. Also a good understanding of basic computer skills, saving files and directory navigation.

Recommended Participants: Anyone needing to install, maintain or troubleshoot automated process containing programmable controllers.

Training Package Options:

- PLC Workshop(Levels 1 and 2) - 4 Days
- PLC Troubleshooting Bootcamp - 5 Days

For more information contact us at www.troubleshootingbootcamps.com