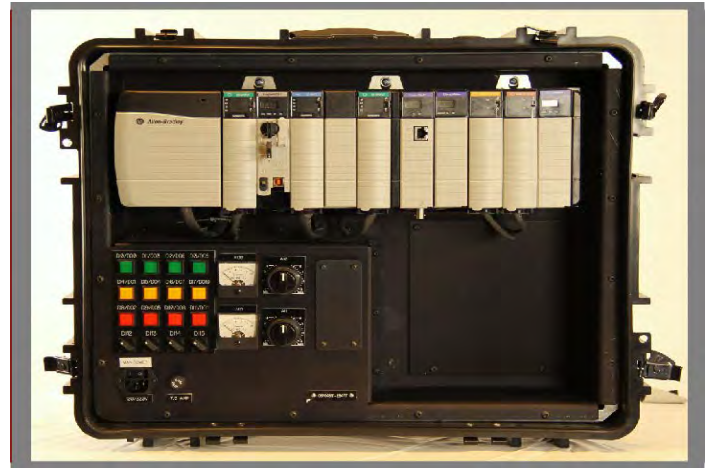


ControlLogix Workstation (Level 2)

Engaging student materials, classroom discussions, lab exercises, and supplemental videos, podcasts, web links, and demonstrations, combine to give students a highly interactive classroom experience. The variety of learning resources and integrated activities in this class will give students a solid troubleshooting foundation and prepare them for more advanced automation-related courses.



Course Length:

Lecture: 17 hours
Lab: 25-30 hours

Dimensions:

Width: 20 in (51 cm)
Height: 16 in (41 cm)
Depth: 9 in (23 cm)

**Rockwell
Automation**

Industrial Recognized Credentials Achieved:

Allen Bradley ControlLogix Maintainer Certificate
Allen Bradley ControlLogix Programmer Certificate

Course Prerequisites:

As a prerequisite to this course, students must have basic working knowledge of safe electrical practices.

This includes but is not limited to the following:

- Understanding electricity, how it works, and the dangers associated with electricity
- Use of appropriate personal protective equipment (e.g. eye protection, gloves, etc.)
- Identifying hazardous conditions
- Adhering to all safety regulations

ControlLogix Workstation Major Components Included:

Network Hardware: (1) EtherNet/IP module, (1) ControlNet bridge module - 2 ControlNet taps, (2) terminators

Control Hardware: (1) 10-slot I/O chassis, (1) 1756 system power supply, (1) ControlLogix controller, (1) DC input module, (2) DC output module, (1) analog input module, (1) analog output module

Operator Interface Panel: (12) illuminated pushbuttons, (2) potentiometers, (2) analog voltmeters

Supporting Allen Bradley/Rockwell Automation Curriculum:

Instructor Curriculum & Lab Books

ControlLogix Fundamentals and Troubleshooting
ControlLogix Programming

Student Curriculum & Lab Books

ControlLogix Fundamentals & Troubleshooting
ControlLogix Programming

Rockwell Automation Tool Kit

ControlLogix Troubleshooting Guide