

## Studio 5000 Logix Designer Level 2: ControlLogix Maintenance & Troubleshooting (CCP153)

This course provides students with the necessary resources and hands-on practice to efficiently troubleshoot a previously operational ControlLogix system and restore normal operation. This course adds to students' skill sets by introducing new tasks, such as connecting to a network, interpreting project execution, and editing ladder logic online. After practicing such skills, students will be presented with a systematic strategy for diagnosing and troubleshooting a variety of system errors, such as controller, I/O, and other hardware problems, noise-related problems, and software configuration problems.

### Participants in this course will learn methods and skills such as:

- Interpret project organization and execution, frequently used instructions, arrays, and tags of user-defined data types
- Locate and edit tag values
- Force I/O and toggle bits
- Troubleshoot digital, analog, and remote I/O
- Update Logix5000 firmware
- Troubleshoot controller, power supply, noise related, and digital I/O module problems
- Analyze and troubleshoot a system using trend chart
- Edit ladder logic online
- Document, print, and search project components

### Who should attend?

Individuals who need to maintain and troubleshoot a ControlLogix or other Logix 5000 system

### Fee:

\$1140/ Person

### When:

May 9-10 & 16-17, 2019

### Location:

Polk State College  
310 Technology Drive  
Bartow FL 33830

### Registration:

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