

Studio 5000 Logix Designer Level 1: ControlLogix Fundamentals and Troubleshooting

Course Purpose:

This 16 Hour (2-Day) course will assist students in developing and building a solid foundation with a fundamental knowledge of Logix5000 systems. Students will be introduced to Logix5000 system components and functionality and will have an opportunity to use Studio 5000 Logix Designer application to perform basic system configuration tasks.

Objectives:

After completing this course, students should be able to perform the following tasks:

- Select and connect to industrial networks in a Logix5000 system
- Download and go Online to a Logix5000 controller
- Operate the Logix Designer application
- Configure local 1756-I/O modules
- Create tags and monitor data in a Logix Designer project
- Draft basic ladder logic for a Logix Designer routine
- Select basic ladder logic instructions for a Logix Designer routine
- Enter ladder logic components in a Logix Designer routine
- Locate ControlLogix system components, I/O Tags, and devices in a Logix5000 system

Prerequisites:

- Experience operating a computer within a Microsoft Windows environment
- Understand ControlLogix systems components

Course completion will result in a Certificate of Competency

Location: Northwest State Community College

Date: TBD

Time: TBD

Per Person Fee: \$999

How to Register: Email CTS at cts.archbold@northweststate.edu or call Tori Atkinson at 419-267-1219

Refund/Cancellation Policy: You can withdraw from any class up to 3 days before its start. No refunds are issued for no-shows, substitutions are welcome