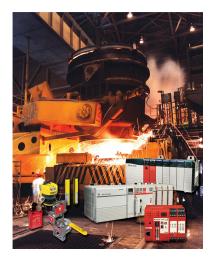


# **GuardLogix Fundamentals and Troubleshooting**



## DESCRIPTION

This course will assist you in developing and building a solid foundation with a fundamental knowledge of a GuardLogix system.

## WHO SHOULD ATTEND

This course is intended for individuals who need to monitor and troubleshoot Logix Designer projects and hardware for GuardLogix controllers.

## **COURSE DURATION**

1 Days

## **COURSE CODE**

SAFLOG103

### OVERVIEW

Upon completion of this course, you should be able to efficiently troubleshoot a previously operational GuardLogix system.

You will have the opportunity to develop and practice these skills by:

- · Learning basic GuardLogix concepts and terminology used with:
- Controller functionality and circuitry
- System hardware
- Logix Designer application
- Troubleshooting a GuardLogix project:
- Troubleshooting GuardLogix controller components
- Troubleshooting and Replacing GuardLogix CompactBlock Guard I/O safety modules
- Monitoring safety tag values

### OUTLINE

- Understanding GuardLogix Controller Safety Operation
- Identifying GuardLogix System Hardware Components
- Identifying GuardLogix Project Components
- Downloading and Uploading a GuardLogix Project
- Troubleshooting GuardLogix Controller Components
- Troubleshooting and Replacing GuardLogix CompactBlock Guard I/O Safety Modules

#### **PREREQUISITES**

To successfully complete this course, the following prerequisites are required:

- Ability to perform basic Microsoft® Windows® tasks
- Understand international machine safety standards
- Completion of the Studio 5000 Logix Designer Level 1: ControlLogix® System Fundamentals course (CCP146) and Studio 5000 Logix Designer Level 2: ControlLogix Maintenance and Troubleshooting course (CCP153) or equivalent experience with Logix Designer application
- General experience with industrial controls

