

➤ GuardLogix® Application Development

SAF-LOG101

2 Days

CEUs 1.4

Course Purpose

Upon completion of this course, students will be able to create a Logix Designer project for a GuardLogix system and maintain the system. Students will have the opportunity to develop and practice these skills by: adding and configuring CompactBlock Guard I/O safety modules; creating and configuring a GuardLogix project; generating safety signatures and lock/unlock a GuardLogix controller; and programming safety instructions.

Objectives

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

- Create a new GuardLogix project using the Logix Designer application
- Configure CompactBlock Guard I/O safety modules for a GuardLogix project using the Logix Designer application
- Get CompactBlock Guard I/O point status information via explicit messaging using the Logix Designer application
- Configure a GuardLogix controller to produce and consume safety data over EtherNet/IP
- Configure GuardLogix controller safety option
- Program a dual-channel input stop instruction and dual-channel input stop with test and mute instruction
- Program a configurable redundant output instruction
- Program a five position mode selector instruction
- Program a safety mat instruction

Who Should Attend?

Individuals who need to develop Logix Designer projects for GuardLogix controllers



Prerequisites

- Experience operating a computer within a Microsoft Windows environment
- Completion of the Studio 5000 Logix Designer Level 3: Project Development course (CCP143) and GuardLogix Fundamentals and Troubleshooting course (SAF -LOG103)
- General experience with industrial controls