

A-6110

ALLEN-BRADLEY GuardLogix

Course Description

This 16-hour training program covers installing and troubleshooting GuardLogix Safety I/O Systems. Coverage is primarily on DeviceNet, Safety Modules, but Ethernet versions are covered as well.

Topical Outline

- Safety Level Overview
- GuardLogix Safety Modules
- Wiring Options
- Safety Module LED Indicators
- GuardLogix I/O Configuration
- DeviceNet Configuration
- Safety Signature
- Safety Task, Safety Routine
- Safety Instructions
 - ESTOP, LC, ROUT, FPMS, RIN, EN PEN, DIN, THRS
- Explicit Messaging
- Safety Tag Mapping
- GSV/SSV Instructions with Safety Routines
- Produced/Consumed Safety Tags

Program Software

RSLogix5000 Version 17

Prerequisites

A-6000, DeviceNet portion of A-6300 or Ethernet portion of A-6300 if using Ethernet Safety Modules.

Course Length

2 days / 16 hours

CEU's

1.4

Objectives

Persons successfully completing this course will be able to:

- Troubleshoot and repair GuardLogix Control Systems
 - Locate and reset Safety I/O related faults
 - Replace Safety I/O Modules
 - Determine a Safety Instruction's input requirements and output response
- Configure Safety I/O Modules