

COSS Training for Technicians

This five-day course provides technicians with an understanding of basic electronic theory and concepts.

I. COSS Overview

- What is COSS?
- COSS Function
- Effects on Plant Personnel
- Integration into General Assembly
- Roles and Responsibilities

II. CQIS

- Parts in the COSS system
- Going On-line to the ControlLogix Backplane
- Defining Tasks, Programs, and Routines
- Creating Tags, Structures, and Arrays
- Ladder Logic
- Sharing Data Between Logix5550 Controllers
- Establishing Data Transfers over a ControlNet Network
- Establishing Fault Handling
- Configuring DH+/RIO Communications
- Motion Instructions
- Configuring a 1203 for DeviceNet Communication to the 1394
- Defining a DeviceNet Network
- Planning Physical Layout
- Connecting Devices to the Network
- Configuring
 - Network
 - Devices
 - DeviceNet Bridge
- Designing the ControlNet Cable System
- Configuring ControlNet Networks

III. COSS Troubleshooting

- Stacklight Overview
- Line Tracking Console (LTC) Troubleshooting
- Line Tracking System Troubleshooting
- Adding a Tool
- Moving a Tool
- Adding Part Pick
- Moving Part Pick
- Adding Process Tools
- Moving Process Tools
- Adding a Footprint
- Deleting a Footprint
- Adding an EPS Pendant
- Moving an EPS Pendant
- Adding a QAS Pullswitch
- Deleting a QAS Pullswitch
- Changing Warning Point within a Footprint
- COSS to CQIS Troubleshooting
- How Softstart works

NOTE: This course requires the customer to supply ControlLogix training units with DeviceNet, Panelview 1000s and Adaptascan Barcode Readers