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