EC-Net 4 Operator Training

Course Outline
DAY 1

Creating a new Station (demo)
Commission an EC-BOS8 (demo)
Workbench Interface Platforms vs Stations
Simple Logic
Intro to Graphics Extending Data Objects in EC-NET4
Scheduling and Special Events

DAY 2

Histories/Trends
Alarming
Supervisor to EC-BOS networking (demo)
BACnet Network
Additional Integration Graphic Functions
Security and User Administration
Navigation Schemes
Course Agenda

Getting Started
LAB #1: Creating a New Station & Commissioning the EC-BOS
LAB #2: Building a Simple Logic Solution (Cafeteria Application)

Building Simple Controls Logic and Graphics
LAB #3: Building Additional Control Logic (Fitness Center Application)
LAB #4: Creating a Simple PX Graphic
LAB #5: Adding Totalizers to Track Runtime
LAB #6: Adding Active Time to the PX Graphic

Schedules, Histories and Alarms
LAB #7: Configuring Scheduled Special Events
LAB #8: Collecting & Configuring History Trends
LAB #9: Generating & Viewing Alarms

Station to Station Communication to the Niagara
LAB #10: Creating a Supervisor Station on the Local Host
LAB #11: Connecting to the Niagara Network (Demo)
LAB #12: Sending Data Across the Niagara Network (Demo)

Integrating with Field Bus Controllers
LAB #13: BACNET MS/TP Integration (Demo)
LAB #14: Launching EC-gfxProgram (Demo)

Building Front End-Graphics
LAB #15: Creating Additional PX Graphics

User Admin, Security and Navigation
LAB #16: User Admin & Establishing Security
LAB #17: Creating a Navigation Scheme for the End User