

Johnson Controls Institute Course

Metasys Hardware Troubleshooting (#357)

\$1,705/~~\$1,555~~
(3.0 CEU)

Reduce downtime by developing your skills in troubleshooting Metasys equipment. This hands-on lab course provides experienced Metasys users with valuable diagnostic and troubleshooting skills on system hardware. Discussions and exercises cover the full range of Metasys Network products, with an emphasis on communication solutions and other commonly experienced problems. Participants learn troubleshooting techniques for specific controllers, ARCNET and Ethernet networks, merging from ARCNET to Ethernet, and calibration of inputs and outputs.

Prerequisite: Metasys PMI Facility Operator (#350) and Metasys HVAC ASC engineering (#353)

MONDAY

AM: Metasys Review
LAB: Metasys Review
PM: Operator Workstations
LAB: Operator Workstations
Network Control Modules
LAB: Network Control Modules

TUESDAY

AM: N1 Communications
LAB: N1 Communications
PM: N2 Communications
LAB: N2 Communications

WEDNESDAY

AM: Application Specific Controllers
LAB: Application Specific Controllers
PM: DX-9100 Controllers
LAB: DX-9100 Controllers
Digital Control Modules

THURSDAY

AM: Expansion Modules
Network Control Units/Network Expansion Units
LAB: Digital Control Modules, Expansion Modules, and Network Control Units/Network Expansion Units
PM: Calibrating Sensors/Actuators
LAB: Calibrating Sensors/Actuators

FRIDAY

AM: Downloading Controllers for the PMI
LAB: Downloading Controllers for the PMI
Embedded Ethernet Router
Online Database Creation
LAB: Online Database Creation
Decompiling Databases
LAB: Decompiling Databases

Course ends at 11:30 a.m.

