

Johnson Controls Institute Course

Metasys HVAC ASC Operations/Troubleshooting (#381)

\$1,595/\$1,445
(3.0 CEU)

Learn about the Application Specific Controllers (ASCs) used at your facility.

Participants will learn how to access and read existing strategies. Participants will download and test existing configurations. Extensive hands-on lab activities use HVACPRO software to work with AHU, UNT, VAV and VMA controllers for troubleshooting of programs and field devices. Additional lab exercises focus on using the automatic loop tuning tool and troubleshooting existing programs. This is an excellent course for building personnel who want to gain a better understanding of HVAC Control Systems and Johnson Controls ASC devices.

Recommended Prerequisite: Fundamental Control Strategies for HVAC Systems (#215) or Equivalent experience.

MONDAY

AM: Overview of ASC Controllers
Control Theory
LAB: Control Theory
Control Strategies
PM: File Names and Locations
LAB: File Names and Locations
HVACPRO Overview
Downloading and Commissioning ASC
Controllers
LAB: Downloading and Commissioning ASC
Controllers

TUESDAY

AM: UNT Controller
LAB: Commissioning a UNT Controller/Program
LAB: Troubleshooting a UNT Controller/Program
PM: AHU Controller
LAB: Commissioning an AHU Controller/Program

WEDNESDAY

AM: AHU Controller (cont'd)
LAB: Commissioning an AHU Controller/Program
LAB: Troubleshooting an AHU Controller/Program
PM: VAV Controller
LAB: Commissioning a VAV Controller/Program
LAB: Troubleshooting a VAV Controller/Program

THURSDAY

AM: VMA Controller
LAB: Commissioning a VMA Controller/Program
LAB: Troubleshooting a VMA Controller/Program
PM: Sideloops
LAB: Commissioning Sideloops
LAB: Troubleshooting Sideloops

FRIDAY

AM: Loop Tuning
LAB: Loop Tuning
Hand-held Interfaces: Zone Terminal and VMA
Balancing Tool
LAB: Hand-held Interfaces: Zone Terminal and
VMA Balancing Tool

Course ends at 11:30 a.m.

