

# Johnson Controls Institute Course

## Metasys FEC Custom Programming (#4704)

\$1,295/**\$1,145**  
(2.0 CEU)

**Optimize control of your facility equipment by programming and testing your own customized control strategies for Field Equipment Controllers (FECs).** Participants will learn how to create and test customized control strategies for FEC controllers. Extensive hands-on lab activities use CCT software to create central equipment strategies for FEC and IOM controllers. Additional lab exercises focus on creating completely custom programs that are not provided from the CCT selection tree. The knowledge gained in this course will enable the participants to fully exploit the capabilities of their FEC controllers. This is an excellent course for experienced building personnel who want to expand their knowledge of HVAC Control Systems and Johnson Controls FEC devices.

**Recommended Prerequisite:** Metasys FEC Engineering (#4702) and FEC controller programming experience.

### DAY ONE

AM: Central Plant Applications in CCT  
LAB: CCT Help File  
PM: Modules and Blocks in CCT  
LAB: Modules and Blocks  
Activities as Containers  
LAB: Creating an Activity

### DAY TWO

AM: Hybrid Activities  
PID and PID Pre-Processor  
LAB: Configuring a Hybrid Activity Using the  
PID and PID Pre-Processor  
PM: State Tables  
LAB: State Tables  
Sequencer and Multistage Controller  
LAB: Sequencer and Multistage Controller

### DAY THREE

AM: PRAC+ and PMAC  
LAB: Custom Application  
PM: LAB: Custom Application  
Review of Custom Lab

Course ends at 3:30 p.m.

