



DIRECT DIGITAL CONTROLS IN BAS & HVAC SYSTEMS



TRAINING DESCRIPTION:

You will learn every subject described in the seminar topics, including concepts and principles necessary to understand how to maintain, operate, install, and program any DDC vendors system.

Everything is taught on a how, why, pros and cons basis. There will be some hands-on training, as well as typical real-life examples of mechanical HVAC applications, power management, lighting, and more. During this information-packed seminar, the instructor will lead you through two exciting days of learning all about DDC systems.

TRAINING BENEFITS:

- Fix annoying recurring problems by knowing how your system works.
- Troubleshoot your system faster.
- Start programming and installing your own remodels, improvements, or modifications.
- Reduce total building cost.
- Reduce third-party maintenance contract costs.
- Simplify facility management.
- Better use of maintenance staff time.

REMEMBER: Attendees should bring a multimeter, preferably the one they use on the job, with them for this hands-on training

TRAINING TOPICS:

- What is DDC?
- Typical System Architecture
- Inputs / Devices / Points
- Outputs / Devices / Points
- Microprocessor Controllers
- Types, Description, Operation
- Communication, Addressing
- PID Process Control, Functional Issues
- Energy Management Features
- Programming / All Types
- Application and Device Operations
- How to Calibrate and Adjust Any Device
- Networks Architectures
- Appliances / Types, Descriptions
- Proper Installation, Guidelines
- Protocols / Types, Descriptions

CLASS DISCUSSION AND REVIEW



CLASS SIZE: UP TO 20
CLASS LENGTH: 6 HOURS
CLASS NUMBER: N_F302

