TDC: Fundamentals - (US) Application Module with UCN Implementation

Course Overview
Course number: TDC-3310UCN
Course length: 4.5 days

Need more effective supervisory control?
This Universal Station (US)-based course provides hands-on introduction to configuring Application Module (AM) points, Control Language (CL) programs, and Custom Data Segments and linking them together in supervisory control schemes. Control schemes are implemented on the AM using the US as the user interface and the Data Entity Builder (DEB) as the configuration tool.

Course Benefits
Learn to Optimize Processes and Reduce Costs
- Design and implement advanced process control strategies for greater optimization
- Implement control strategies that require inputs from more than one Universal Control Network (UCN), Data Hiway, or TotalPlant Solution Network (TPN)

Course Delivery Options
- In-Center Instructor-Led Training

Who Should Take This Course
TotalPlant Solution Network (TPN) Customers
- New to AM CL
- Requiring advanced supervisory control
- Looking to optimize operations

Prerequisite/Skill Requirements
Prerequisite Course(s)
- (TDC-3300HPM or TDC-3300HPM-FT) or
- (TPS-5722 or TPS-5722-FT)

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- Basic programming skills

Course Topics
You will learn how to...
- Build and operate the following AM point types: Regulatory, Numeric, Flag, and Custom
- Create a custom control algorithm using AM Control Language
- Create an Indirect Reference Program using Custom Data Segments
- Create and use an AM Control Language Package and Custom Enumeration
- Allocate AM memory and configure optional, custom, and background AM functions in the Network Configuration File (NCF)
- Use optional External Load Modules to read from and write to text files, access HM continuous history and access higher level mathematical subroutines

Additional Training
To increase your knowledge and skills, there are additional courses available from Automation College.