TPS: Fundamentals – APP Node AM/CL Implementation

Course Overview
Course number: TPS-0008
Course length: 3.5 days

Need better supervisory control?
This GUS-based course provides a hands-on introduction to configuring Application Module (AM) points, Control Language (CL) programs, and Custom Data Segments, then linking them together in supervisory control schemes. Control schemes are implemented on the Application Processing Platform (APP) node using the GUS Native Window as the user interface and the Data Entity Builder (DEB) as the configuration tool. This course introduces the process of initiating Windows-side applications from Local Control Network (LCN)-side CL programs.

Course Benefits
- Design and implement advanced process control strategies for greater optimization
- Implement control strategies that require inputs from a Universal Control Network (UCN)
- Initiate and monitor Windows-resident applications for increased control capabilities

Course Delivery Options
- In-Center Instructor-Led Training

Who Should Take This Course?
TPS implementation and support personnel who
- Are new to AM/CL
- Require advanced supervisory control
- Need Windows interoperability
- Need to optimize control operations

Prerequisite/Skill Requirements
Prerequisite Course(s)
- TPS-0004 or
- TPS-0005

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- Familiarization with own plant process control environment and basic programming skills

Course Topics
- Build and operate Regulatory, Numeric, Flag and Custom Points
- Add points to permanent operating groups in Area Database
- Create a custom control algorithm using AM/CL
- Create an indirect reference program using Custom Data Segments
- Create and use an AM/CL package and custom enumeration
- Review AM memory allocation, custom and background functions in the Network Configuration File (NCF)
- Initiate a Windows-based application from AM/CL using the CL Server

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

For more information and registration, visit www.honeywellprocess.com/en-US/training.