TPS: Fundamentals – Point Building and UCN/HPM Implementation

Course Overview
Course number: TPS-0006
Course length: 5 days

Need to implement for the first time, or provide on-going support, for a UCN and HPM?

This course will provide experienced system personnel with the skills to configure a Universal Control Network (UCN) system that includes a Network Interface Module (NIM) and a High Performance Process Manager (HPM). You will also learn to enter and load HPM points as well as perform a checkpoint to save configuration and point data.

Course Benefits
- Allows you to focus your training on the UCN
- Gain the basic skills to implement a UCN from the ground up to an operational state
- Gain knowledge about the HPM’s control capabilities
- Build HPM points (Regulatory Control, Regulatory PV, Digital Composite, and Logic)
- Learn to build permanent Group Displays in Area Database

Course Delivery Options
- In-Center Instructor-Led Training

Who Should Take This Course?
TPS implementation and support personnel
- Responsible for implementing and/or supporting a Universal Control Network
- Who already have knowledge of LCN/TPS system implementation and will only be responsible for HPM point building
- Who need to concentrate their efforts strictly on the UCN
- Who do not need LCN/GUS operations training

Prerequisite/Skill Requirements

Prerequisite Course(s)
- (TPS-0005 or TPS-0005-AT or TPS-0005-FT)

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- Familiarization with own plant’s process control environment

Course Topics
- Identify UCN/HPM Hardware
- Use HPM Status Displays and Commands
- Build a Universal Control Network, including an HPM
- Build an HPM Control Strategy using Analog Input, Analog Output, Regulatory PV and Regulatory Control Points
- Build Area Database Group Displays
- Build HPM Discrete Points
- Build an interlock strategy using an HPM Logic Slot

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.