TPS: Fundamentals – LCN/UCN Overview

Course Overview

Course number: TPS-0004-VILT
Course length: 4 days

This course provides an introduction to the terminology, control philosophy and functions of the TotalPlant Solution (TPS) System consisting of a Local Control Network (LCN) and a Universal Control Network (UCN) with a High Performance Process Manager (HPM) controller. This course provides a basic understanding of the architecture and hardware of the TPS system. Hands-on lab exercises provide operating skills for Regulatory Control and Digital Composite points and students will learn how to navigate the UCN/HPM Status displays.

Course Benefits

Become familiar with the TPS System operating environment
- Gain a basic understanding of TPS/TPN architecture, terminology and hardware
- Gain fundamental process point operating skills as well as an understanding of the TPS process control environment
- Learn to navigate the various TPN/UCN displays from a Global User Station

Course Delivery Options

- Virtual Instructor-Led Training (VILT)
- IMPORTANT – Prior to registration, you must review/perform any required check(s) by visiting this link: E-Learning Access Requirements

Who Should Take This Course?

TPS customers who:
- Need a basic operational and navigational overview of the TPS System but do not need to pursue more in-depth operation or implementation training
- Need to work specifically with HPM point types using GUS’s Native Window

Prerequisite/Skill Requirements

Prerequisite Course(s)
- None

Required Skills and/or Experience
- None

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

Course Topics

- Recognize TPS/TPN Architecture
- Identify TPS/TPN Hardware
- Operate a TPS/HPM Control Strategy
- Operate HPM Discrete Control Points
- Use an Emulated Disk
- Use GUS/HPM Status Displays and Commands

Included in your lesson will be several Computer-Based Training (CBT) modules:
- Native Window Familiarization
- System Status Displays
- Alarm Management for Operations

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.