Course Overview

Course number: TPS-0015
Course length: 5 days

This course is designed for personnel who already have a fully implemented TPS system and will only be responsible for maintaining the UCN/HPM. This course provides skills to identify UCN hardware, troubleshoot and resolve errors, perform preventive maintenance on the UCN, use a TDR (Tektronix 1503C) and Relcom Carrier Band Tester.

Course Benefits

- Allows you to focus your training on the maintenance of the UCN/HPM
- Become familiar with UCN hardware
- Assemble, Load & Checkout an UCN Network
- Respond to System Alarms
- Gain the basic skills to troubleshoot the UCN
- Perform Preventative Maintenance
- Troubleshoot UCN Cables

Course Delivery Options

- In-Center Instructor-Led Training

Who Should Take This Course?

TPS Customers

- Who need to concentrate their efforts strictly on maintenance of the UCN/HPM
- Who already have a fully-implemented TPS network and will be responsible for only maintenance issues
- Who do not need LCN/GUS operations and system implementation training

Prerequisite/Skill Requirements

Prerequisite Course(s)

- (TPS-0004 or TPS-0004-AT or TPS-0004-FT) or
- (TPS-0005 or TPS-0005-AT or TPS-0005-FT) or
- (TPS-0014 or TPS-0014-AT)

Required Skills and/or Experience

- Knowledge of TPS system operations and navigation

Desirable Skills and/or Experience

- Familiarization with own plant’s process control environment

Course Topics

- System Architecture Overview
- Power and Grounding Overview
- HPM Overview
- UCN Node Communication
- IOP Overview
- Automatic Controls Overview
- Node Memory & Checkpoint
- Assemble, Load & Checkout a UCN Network
- HLAI_STIM_LLMUX Overview
- Electrical Wiring
- Control Points Overview
- Permissives and Interlocks
- Monitor UCN Error Rate
- UCN_HPM Troubleshooting
- Use TDR (Tektronix 1503C) On the UCN
- Use The Relcom Carrier Band Tester

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.