Course Overview

Course number: TPS-0007-FT
Course length: 5 days

This course is designed for personnel who already have a fully implemented TPS system and will be responsible only for building HPM points and writing HPM CL programs from a Global User Station. This course provides skills to implement HPM functions such as building HPM regulatory control, digital, logic, and box variable points as well as writing HPM control language (CL) programs. LCN/GUS operations and system implementation training is not included in this course.

Course Benefits

- Allows you to focus your training on the HPM
- Gain the basic skills to implement UCN/HPM point types
- Gain knowledge about the HPM’s control capabilities
- Build HPM points (Regulatory Control, Regulatory PV, Digital Composite, Logic and Process Module Points)
- Learn to build permanent Group Displays in the Area Database
- Learn to build and Implement an integrated simulated batch process application incorporating Regulatory Control, Regulatory PV, Digital Composite, Logic, Flag, Numeric and Timer points, all manipulated by a CL program

Course Delivery Options

- FlexTraining®

Who Should Take This Course?

TPS Customers

- Who need to concentrate their efforts strictly on the HPM
- Who already have a fully-implemented TPS network and will be responsible only for building HPM points and writing HPM CL programs
- 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)

Required Skills and/or Experience

- None

Desirable Skills and/or Experience

- Familiarization with own plant’s process control environment

Course Topics

- Operate an HPM/CL Program
- Configure 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
- Configure Process Module Points and create their associated HPM CL programs
- Write and implement Abnormal Condition Handlers

Additional Training

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