Course Overview
Course number: TPS-5770
Course length: 5 days

This Global User Station (GUS)-based course provides a hands-on orientation to operating the TotalPlant Solution (TPS) System consisting of the Local Control Network (LCN) and the Universal Control Network (UCN). Standard TPS displays and GUS graphic displays are used to control and monitor both analog and digital process points and to monitor process alarms. This course provides an introduction to SafeView windows management and the PC/Windows 2000 environment.

Course Benefits
Use the process control features of the TPS system to reduce waste and cost
- Operate with confidence
- Transition smoothly to a new control system
- Use the standard control displays effectively
- Use GUS graphic displays to control and monitor the process
- Interpret process trend displays for better control
- Understand the process and system alarm indications for quicker response to process and system upsets

Prerequisite/Skill Requirements
Prerequisite Course(s)
- None

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- Working knowledge of your process.
- Basic PC skills to include: Power up, log on, start a Program from the START Menu, drag a window, minimize and maximize a window, close a window, log off and shut down

Course Topics
You will learn how to ....
- Log on and off the GUS, including resetting the GUS and loading the Native Window
- Use window navigation tools
- Manage windows using the SafeView control environment
- Use standard operating displays including the GUS Faceplate and Group displays, Native Window Group displays, and Point Detail displays
- Use change zones and faceplates to make process changes
- Identify control conventions (automatic, manual, cascade, PV tracking, and program)
- Navigate through standard operating displays
- Identify color conventions
- Use GUS Alarm displays and Native Window Alarm displays to identify and respond to abnormal conditions
- Identify and use tools available on the TPS system to analyze process upsets. Use Point and Group Trend displays
- Load and operate a simple sequence program

Course Delivery Options
- FlexTraining®

Who Should Take This Course?
TPS Operators:
- Requiring basic Distributed Control System (DCS) training
- Needing to understand the differences between the Universal Station (US) and the Global User Station (GUS) operating environments
- Needing refresher training on GUS

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

For more information and registration, visit www.automationcollege.com.