

PCS7 System Operator (US-PCPCSU1C)

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

1 Day
0.7 CEUs

Target Group

- Operator

Short Description

This course provides the student with a working exposure to the PCS7 OS control system. This is a flexible agenda with a 1 day core agenda plus a ``Day 2 option`` with advanced system diagnostics. Using a pre built Siemens demo project, the students will learn PCS7 system operational functions and procedures in a safe and controlled environment. All core operational tasks and system tools are discussed and practiced by the students. Typical operator system inputs, acknowledgments, control and monitoring tasks are included. The Day 2 option is targeted for those operators with additional system diagnostics responsibilities. This section includes basic hardware, networking and system troubleshooting. This course is a hands-on curriculum working with a typical simulated production process.

Objectives

- Identify the PCS7 control system architecture
- Navigate the OS system screen hierarchy
- Control and monitor a production process
- Navigate the system key sets and functions
- Access the Trending and Messaging systems
- Access the Reports and Archive systems
- Diagnose system Hardware and Configuration using Diagnostics tools (Day 2 option)

Content

- PCS7 Overview
- Demo Project Screen Review
- PCS7 OS Process Mode
- System Operator Inputs
- Graphic System Control
- Trend System
- Message System
- Functions and Outputs of the Report System
- Archive System
- Asset Management Screens (Day 2 option)
- PCS7 System Hardware Overview (Day 2 option)
- System Troubleshooting Basics (Day 2 option)

Language

English

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