SIEMENS

SIMATIC PCS 7 System Course 1 (ST-PCS7SY1)

Short Description

In this face-to-face course you will learn how to implement the diversity of engineering possibilities with SIMATIC PCS 7 process control system in a structured and efficient way. You configure the entire control system from the field level through the automation system to the operating and monitoring system.

Objectives

In this course you will learn how to implement the diversity of engineering possibilities in a structured and efficient way with SIMATIC PCS 7 process control system. By doing exercises on original SIMATIC PCS 7 training units, you will implement software for the process automation of a plant right up to the HMI level. Features of SIMATIC PCS 7 such as integration of all subsystems, plant-oriented engineering, data management and project management are supplemented by advanced functions that enable efficient and cost-effective engineering.
Utilize the benefits of integrated process automation for yourself and learn how to get an integrated view of your plant!
Because of this integration you will be able to diagnose faults quickly and correct them with safely. In addition, projects can be created in advance in such a way that you can work with multiple application. This enables time-optimized and cost-effective engineering.

Target Group

Project manager, project staff
Programmer

Content

Managing the project data in the SIMATIC Manager
Station and network configuration
Configuraton of AS functions in CFC
Configuration of monitoring and controlling in the OS
Configuration of sequences in SFC
User blocks - attributes and visualization
Syntax rules for SIMATIC PCS 7 engineering

Prerequisites

Basic knowledge of electrical engineering, control and feedback control systems and process control engineering

Type

Face-to-face training

Duration

5 days

Language

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