

SIMATIC PCS7 System Online Course (ST-PCS7SYS)

Short Description

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, you will implement software for the process automation of a plant right up to the HMI level.

Target Group

Project manager, Configuring engineers
Programmers
Commissioning engineers
Technologists

Content

- System design and component specification
- Creating a multiproject
- Configuration of stations and networks
- Creation the plant hierarchy
- Basics of CFC and blocks
- Connection to the process
- Basic automation with the APL
- Spreadsheet-based engineering with the process object view
- Basic functions for operator control and monitoring
- Implementation of manual and automatic operation
- Sequential controls with SFC (more details/exercises in Advanced course)
- Monitoring and control of the sequential control systems (fast overview)
- Easy to customize the operating station (OS) (fast overview)
- Basic of the message system (fast overview)
- Project planning of group displays and status displays(fast overview)
- The archiving system (fast overview)
- Interlock functions and operating modes (fast overview)
- Bulk data engineering (fast overview)
- Final configuration steps (fast overview)

Prerequisites

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

Note

The course teaching and material language is English. The material is provided for students in electrical form as pdf document.
Export control AL :N / ECCN: N

Type

Online-Training

Duration

5 days

Language

en

Fee

2,137.50 EUR