SIEMENS

Siemens SIMATIC PCS 7 systeemcursus (ST-PCS7SYS)

Short Description

Indien alleen Nederlandstalige deelnemers wordt de cursus in de Nederlandse taal gegeven. (anders Engelse taal).Tijdens de oefeningen kan ook Nederlands gesproken worden.
Het engineeringtraject van een SIMATIC PCS 7 project centraal.
Huidige versie van de software is V9.1 in de cursus.

Objectives

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 with SIMATIC PCS 7.
Utilize the benefits of Totally Integrated Automation (TIA) 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.
After attending the course, you can do the following:
Create a proper PCS 7 multiproject and configure the hardware of AS and PC stations.
Create user programs compliant to PCS 7 standards using the most important tools like CFC, SFC and graphical tools of the PCS 7 engineering toolset.
Bulk engineering using the Import/Export-Assistant and Control Module Types and their instances using the Technological List Editor.
Combine your face-to-face course with web-based training on our digital learning platform for industry and thus increase your personal learning success in the face-to-face course.
On SITRAIN access you will find, for example, basic knowledge of process control technology, PROFIBUS in process automation, PROFINET or data communication with Industrial Ethernet.
But also further topics such as an overview of digitization in process automation or an introduction to SIMIT and the Virtual Controller.

Target Group

Configuring engineers, Programmers

Content

ystem design and component specification
Project setup
Station and network configuration
Connection to the process
Basics control functions
Basics Operating and Monitoring
Implementation of Automatic and Manual Mode Control
Configuration of sequential controls with SFC
Customizing the OS
Archiving System
Locking functions and operating modes
Mass data engineering
Digitalization in process industries
Final steps of configuration
User block – attributes and visualization
Demonstration Server-Client System
Syntax Rules
SIMATIC PCS 7 Documentation and Support

Prerequisites

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

Note

This course takes only place if we have enough participants.

Type

Face-to-face training

Duration

10 days

Language

nl

Fee

5,800 EUR