SIEMENS

SIMATIC PCS 7 Plant Automation Accelerator Basic Workshop (ST-PCS7PAA)

Kurzbeschreibung

This course will give you an overview of the different applications and functions of the SIMATIC PCS 7 Plant Automation Accelerator (PAA).

Ziele

The objective is to plan automation functions from the hardware to the software so that they can then be efficiently imported into SIMATIC PCS 7.
In this way, you will be able to create top-quality plant automation from the beginning and implement new projects much faster.
As a system integrator, you will be able to substantially improve your market position.
Using practical examples, you will learn step-by-step how to create and edit the automation function with the help of the PAA.
After attending the course, you will be able to:
- Create your own components and templates
- Utilize the potential for efficient mass engineering directly in the Plant Automation Accelerator (PAA)
- Process external signal lists efficiently
- Perform data exchange with process automation in SIMATIC PCS 7

Zielgruppe

Decision makers, sales personnel
Project managers, project workers
Programmers, configuration engineers

Inhalte

Creation of Control Module Types (CMT) in the master data library of SIMATIC PCS 7
Prerequisites and installation in SIMATIC PCS 7
Basics of COMOS / PAA and graphical user interface (GUI)
Interface between PAA and SIMATIC PCS 7
Template administration in PAA
Manual creation of hardware objects incl. Extended hardware parameters
Manual creation of software objects and implementation with hardware
Supported Hardware engineering using the Configuration tool
Supported Software engineering using Engineering tasks
Function planning and extended logic
Bulk data engineering in PAA

Teilnahmevoraussetzung

Attendance of course ST-PCS7SYS is recommended
Basic knowledge of process control engineering
Practical experience in SIMATIC PCS 7 configuration
Basic knowledge of APL, as communicated in the system course or in the APL workshop (ST-PCS7APL)

Hinweise

Course documentation: English
Trainer: French

Typ

Präsenztraining

Dauer

3 Tage

Sprache

mu