SIEMENS

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

Short Description

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

Objectives

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

Target Group

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

Content

- 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

Prerequisites

- 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)

Type

Face-to-face training

Duration

3 days

Language

en