

Online Training - SIMATIC PCS 7 Advanced Process Functions (ST-PCS7APF)

Short Description

The APF (Advanced Process Functions) from the ST PCS 7 T technology catalog expand the functionality for special automation tasks of the SIMATIC PCS 7 system components. In this online training you will learn how to project and manage material, material lot and parameter set data as well as storages with SIMATIC PCS 7 Advanced Process Functions in a structured and efficient way.

Objectives

- In-deep knowledge of APF engineering tool and runtime functionality
- APF engineering from basic project and communication setup till ready-to-use application
- Ability to evaluate usability of APF in SIMATIC PCS 7 projects

Combine your face-to-face course with web-based trainings 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.

[Click here for more information about SITRAIN access](#)

Target Group

- Project engineers which are active in the process automation environment
- SIMATIC PCS 7 System integrators
- Project engineers and programmer

Content

- Functional overview, incl. introduction APF demo project
- Basic project setup for APF
- Basic communication: Read- and Write- Manager
- Material Management
- Storage Management
- Parameter Management
- Job Management
- Archiving Management
- Detailed hands-on-trainings for all components

Included in the course price:

This course includes a 4-week Learning Membership for our digital learning platform [SITRAIN access](#). With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics. As an introduction to the digital learning platform, we recommend the following learning path:

[SIMATIC PCS 7 - System Training \(Curriculum\)](#)

Prerequisites

- General basic knowledge of process control
- Good knowledge of SIMATIC PCS 7 ES (Engineering, CFC)
- Good knowledge of SIMATIC PCS 7 OS (WinCC scripting, HMI)
- Basic knowledge of databases and MES/ERP requirements

Note

Please note that time statements (course start / end) are related to Central European Time (CET), respectively Central European Summer Time (CEST).

The Learning Membership starts 7 days before the start of the course and ends 14 days after the end of the course. During this period, you have access to all of the more than 480 web-based trainings available.

Type

Online-Training

Duration

4 days

Language

en