

SIMATIC PCS 7 Advanced Process Functions

OEM: Siemens • Code: ST-PCS7APF

COURSE 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.

AUDIENCE PROFILE

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

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).
- Included in the course price: Free access to the digital learning platform SITRAIN access – starting one week before the start of the course until two weeks after the end of the course.
- 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.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- 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

Module 1: 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