# SIEMENS

## Online-Training - SIMIT in Process Automation (ST-PCS7SIM)

### Kurzbeschreibung

This online training provides you with a summary of the functions and libraries of the simulation software SIMIT in the field of process automation.

Also available as face-to-face training

### Ziele

By doing exercises in a virtual training environment, you will learn about the design of simulations / simulation models for testing the PCS 7 automation software.
The perfect interplay of all components integrated in SIMIT enables you to enhance productivity in the highest quality permanently and to establish new products on the market considerably faster.
On completion of the course, you are able to:
- create own ccomponents and templates
- to use the available features for efficient engineeering in SIMIT
- to establish ccouplings between the simulation in SIMIt and automation systems in PCS 7, which are emulated by PLCSIM or the Virtual Controller.

### Zielgruppe

Decision makers, sales personnel
Project manager, project staff
configuring engineers, programmer

### Inhalte

Interfaces to controllers or other applications
Introduction of the 3 simulation levels and their function
Creation of templates and efficient engineeering by import functions
Working with libraries provided by SIMIT
Creation of own components using the Component Type Editor
Insight into the message system and the Automation Control Interface of SIMIT
Creation of small simulation prrojects
Configuration of a distributed simulation using the Virtual Controller

### Teilnahmevoraussetzung

Attendance of training course ST-PCS7SYS recommended
Basic knowledge of process control engineering
Practical experience in SIMATIC PCS 7 project engineering.
Basic knowledge of APL, as provided in the System course or in the APL-Workshop

### Technical requirements

For this training you will need a computer with Windows 7 or better Windows 10 and a stable internet connection. We recommend a data transfer rate of 16 Mbit/s. You will require Google Chrome as Internet browser to access a virtual whiteboard and to use our remote learning solution. The platform for this training is Microsoft Teams. We recommend installing the Microsoft Teams app for the best possible use of all functions.

### Hinweise

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

### Typ

Online-Training

### Dauer

3 Tage

### Sprache

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