SIEMENS

SIMIT in Process Automation (ST-PCS7SIM)

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

3 Days
2 CEUs

Target Group

- Programmer
- Sales

Short Description

This course provides you a summary of the functions and libraries of the simulation software SIMIT. By practical exercises you will learn about the design of simulations / simulation models for testing the PCS 7 automation software.

Objectives

- Create your own components and templates
- Use the available features for efficient engineering in SIMIT
- Establish couplings between the simulation in SIMIT and automation systems in PCS 7
- Emulate the CPU using PLCSIM or the Virtual Controller option of SIMIT

Content

- Introduction
- PCS 7 Documentation and Online Support
- The first SIMIT Project
- SIMIT at a glance
- Interfacing with automation via PLCSIM
- Interfacing with automation via Virtual Controller
- Simulation of the device level
- Introduction to process simulation
- User-specific macros and components
- Process simulation with FLOWNET and CHEMBASIC
- Scripting

Note

The perfect interplay of all components integrated in SIMIT enables you to produce more in the highest quality durably and to establish new products on the market considerably faster.

Language

English