

SIMIT for Beginner (ST-PCS7SIM)

Objectives

This course provides you with 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.

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 components and templates
- to use the available features for efficient engineering in SIMIT
- to establish couplings between the simulation in SIMIT and automation systems in PCS 7, which are emulated by PLCSIM or the Virtual Controller.

Target Group

Decision makers, sales personnel

Project manager, project staff

configuring engineers, programmer

Content

Interfaces to controllers or other applications

Introduction of the 3 simulation levels and their function

Creation of templates and efficient engineering 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 projects

Configuration of a distributed simulation using the Virtual Controller

Prerequisites

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

Type

Face-to-face training

Duration

3 days

Language

en