SIEMENS

SIMIT in Process Automation (ST-PCS7SIM) (ST-PCS7SIM)

Short Description

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

Objectives

• 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 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.

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

Fee

10,046 ZAR