SIEMENS

SIMIT in Discrete Automation Technology for Beginners / SIMIT仿真技术 (F4031)

Objectives

SIMIT enables the comprehensive simulation of machine and plant behavior for virtual commissioning. With the help of the components integrated in SIMIT, you can test your PLC code to thereby produce the highest quality and establish your new products on the market much faster. This course gives you an overview of the functions and libraries of the SIMIT simulation software. Using practical examples, you will learn step-by-step how to design simulations/models for testing automation software.

Target Group

Decision makers, Sales personnel, Project managers, Project workers, Programmers, Configuration engineers

Content

- Introduction to SIMIT
- Introduction to Digital Twin
- General information about SIMIT
- Representation of the three simulation levels and how they work
- Simulating signal, device and process levels
- Connection to PLCSIM Advanced
- Connection to NX MCD
- Creating your own components with the Component Type Editor
- Creating templates and effective engineering through import functions
- Working with the CONTEC library provided by SIMIT

Prerequisites

Basic knowledge of automation technology. Practical experience in SIMATIC TIA Portal configuration. Attendance of F4024 course is recommended.

Type

Face-to-face training

Duration

3 days

Language

zh

Fee

5,300 CNY

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