SIEMENS

Online-Training - SIMIT in Discrete Automation Technology for Beginners (DI-SIMITFA)

Breve descrizione

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.

Obiettivi

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.
The perfect interaction of all components integrated in SIMIT enables you to sustainably produce more with top quality and establish your new products on the market much faster.
After attending the course, you will be able to:

- create your own components and templates
- create a simulation for the PLC Programm
- set up the couplings between the simulation in SIMIT and PLCSIM Advanced

Gruppo target

Project managers
Project workers
Programmers
Configuration engineers

Contenuti del corso

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
Included in the course price: Free access to the digital learning platform SITRAIN access – starting one week before the start of the course until two weeks after the end of the course. Here you will find web-based trainings on Digital Enterprise and many more. With the Learning Membership, you can deepen or repeat the content of this learning event as well as continue your education on other interesting topics.

Prerequisiti partecipante

- Basic knowledge of automation technology
- Practical experience in SIMATIC TIA Portal configuration, equal to the courses TIA-PRO2 of TIA-SYSUP
- Technical requirements

Nota

The Learning Membership starts 7 days before the start of the course and ends 14 days after the end of the course. During this period, you have access to all available web-based trainings.

Tipologia

Formazione online

Durata

3 giorni

Lingua

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