SIEMENS

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

Breve descrizione

In this online course in a virtual classroom you will get to know the software by using the simulation software SIMIT and get an overview of the functions and libraries in the process automation environment.

Obiettivi

By doing exercises in a virtual training environment and practical examples, you will learn about the design of simulations / simulation models for testing the PCS 7 automation software. The perfect interaction of all components integrated in SIMIT enables you to produce more in the highest quality over the long term and to establish new products on the market much more quickly.

On completion of the course you are able to:
- create your own components and templates
- to use the possibilities of effective engineering in SIMIT
- to establish couplings between the simulation in SIMIT and PCS 7 automation systems that are emulated with PLCSIM or a virtual controller.

Gruppo target

- Project manager, Configuring engineers
- Programmers
- Commissioning engineers
- Technologists

Contenuti del corso

- 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 prrojects
- Configuration of a distributed simulation using the Virtual Controller

Prerequisiti partecipante

- Basic knowledge of electrical engineering, control and feedback control systems and process control engineering.
- Attendance of the system course "ST-PCS7SYS" is recommended
- Practical experience in the project planning of SIMATIC PCS 7

Technical requirements

For the online training is a virtual training environment required, which is provided by us.
We recommend that you consider the technical requirements for the best possible use.
- Information on the technical requirements with VLab

Nota

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.
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.

Course language is English.

Tipologia

Formazione online

Durata

3,5 giorni

Lingua

en

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