SIEMENS

SIMOTION - Programming and Commissioning (MC-SMO-PM)

Краткое описание

In this course you will learn how to configure and start up the SIMOTION Motion Control system with the drives SINAMICS S120 and the visualization devices. Core topic of the course is the programming of movement sequences.

Цели

You will learn how to configure and start up the SIMOTION Motion Control system with the associated drives and visualization devices. The course also includes the programming of movement sequences with the help of Motion Control Chart and ladder diagram/function block diagram.
The technologies positioning, synchronous operation, probe and cam plates are explained and reinforced by means of practice-oriented examples.
The course enables you to use SIMOTION optimally in the automation of production machinery.

Целевая группа

Programmers
Commissioning engineers, configuring engineers

Содержание

System overview of SIMOTION
Components of SIMOTION
- TIA-SCOUT engineering system and option packages
- Hardware platforms
- Motion control technology packages

Creating a project with TIA-SCOUT
Starting up and optimizing axes
Programming user programs with MCC (Motion Control Chart) and LAD/FBD
Runtime system (task system) configuring
Learning to use tools for fault diagnostics
Performing practical exercises on training devices

Требования к участнику

- Basic knowledge of automation with SIMATIC S7
- Basic knowledge of drive technology with SINAMICS

Примечания

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 SINAMICS Converters as well as other topics. 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.

Тип

Очный тренинг

Продолжительность

5 Дн.

Язык

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