SIEMENS

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

Ziele

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.
The programming advanced course MC-SMO-PA builds on this to deal in depth with the creation of parameterizable blocks.

Zielgruppe

Programmers
Commissioning engineers, configuring engineers

Inhalte

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

Teilnahmevoraussetzung

Basic knowledge of automatization

Hinweise

Until 31.12.2017 the course was listed under the name MC-SMO-SYS.

Typ

Präsenztraining

Dauer

5 Tage

Sprache

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