SIEMENS

Simotion programmering (MC-SMO-PM)

Objectives

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.

Content

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

Creating a project with 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

Prerequisites

Knowledge corresponding to the training course Simatic S7 programming 1 and knowledge about drive systems.

Note

The training is in Swedish language with english course material.
Simotion and Sinamics S120 are used for practical exercises.

Type

Face-to-face training

Duration

4 days

Language

sv