

SIMOTION System Programming (US-DVSMOP1A)

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

4.5 Days
3 CEUs

Target Group

- Programmer
- Engineer
- Commissioning
- Maintenance

Short Description

This course is for SIMOTION system developers and users who are responsible for creating, commissioning, or maintaining SIMOTION based motion control systems.

This course enables the participant to structure, generate and put in operation complex SIMOTION control program using MCC-charts and Structured Text. Examples of different applications user programs will be generated, and ways of structuring programs will be shown. The focus lies on programming with Structured Text, Ladder and MCC.

Objectives

- Create programs in Structured Text, Ladder, and MCC
- Use commands for motion control within the user program
- Assign programs to execution system
- Create structures and subprograms (FC and FB)
- Use system functions
- Use function blocks of certain libraries
- Use variables and data structures
- Use tools for testing and diagnosis of the program

Content

- System Design Functionality
- Programming
- Structured Text
- POS Axis Output CAM
- Gear CAM
- Libraries

Mandatory Prerequisites

[SIMOTION and SINAMICS S120 - Diagnostics and Servi: MC-SMO-DG](#)

Language

English

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