

MC-SMO-SYS – Simotion C/D/P control systems / Курс MC-SMO-SYS – К о н т р о л л е р ы SIMOTION (MC-SMO-SYS)

Short Description

The course is intended for professionals involved in the installation, commissioning, programming and maintenance of Simotion.

Objectives

· During the lessons, the properties and architecture of Simotion controllers, the basics of programming in the MCC / LAD / FBD / ST languages and the debugging of programs in the Scout engineering system are studied. Practical examples of the implementation of various technological problems, methods of drive optimization, diagnostics capabilities of Sinamics drives and Simotion controllers are considered.

Target Group

Programmers
Commissioning engineers, configuring engineers
Service personnel

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

The higher technical or secondary education (is desirable).
Basic knowledge of electrical equipment, theory of the electric drive and theory of automatic control

Note

Practical exercises are performed using the SIMOTION training stand, FieldPG programmer or PC.

Type

Face-to-face training

Duration

5 days

Language

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