SIEMENS

SIMOTION Systems & Programming Course (MC-SMO-SYS) (MC-SMO-PM)

Short Description

SIMOTION Systems & Programming Course

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.
The programming course (MC-SMO-PRG) builds on this to deal in depth with the creation of parametisable blocks.

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

Attended SD-DRV-FUN

Type

Face-to-face training

Duration

5 days

Language

en

Fee

24,474 ZAR