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## SIMOTION System Programming and Commissioning Course / SIMOTION 运动控制系统的编程与调试 (A3101)

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### Objectives

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This course provides a basic knowledge for the SIMOTION system. The participant learns the configuration and startup of the system with axis, drives and visualization devices. The course also deals with programming of motion sequences with the help of Motion Control charts (MCC) and LAD/FBD. Applications for positioning, gearing, measuring units and output cams are discussed and illustrated at exercises at training racks.

### Target Group

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programming engineers, commissioning engineers, project design engineers, service engineers

### Content

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- Overview of SIMOTION system
- A glance at the components of a SIMOTION system
  - engineering system SCOUT
  - hardware platforms of SIMOTION
  - motion control technology packages
- Creating a SIMOTION project
- Starting up axis with D435
- Programming of user programs with MCC and LAD/FBD
- Configuring execution system
- Using tools for error diagnosis and program test
- Communication with the periphery and HMI
- Practical exercises on training racks

### Prerequisites

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Basic knowledge of motion control, being familiar with SINAMICS S120

### Type

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Face-to-face training

### Duration

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5 days

### Language

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zh

### Fee

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7,200 CNY