

## Online Training - SIMOTION - Programming Advanced (MC-SMO-PA)

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### Kurzbeschreibung

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In order to be able to provide you with the best possible support and training in your personal learning environment (own office/home office), we have implemented selected training courses for you in the form of digital online training. With the help of our virtual learning environment for practical exercises, we provide you with live theory lectures from our expert speakers, which convey the training content described in the learning objectives in a practical and comprehensive manner. In our virtual classroom, our subject specialist is also available to you at any time during your individual practical exercises for in-depth questions and technical discussions. In this course you will learn the advanced programming facilities using TIA-SCOUT with Structured Text and Motion Control Chart.

### Ziele

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Building on the knowledge gained in the programming course MC-SMO-PM, you will learn the advanced programming facilities using TIA-SCOUT with Structured Text and Motion Control Chart.

The applications for the technologies are reinforced using selected examples on our exercise equipment.

On completion of the course, you will be able to create parameterizable blocks such as FCs and FBs with the help of the Structured Text language. With knowledge of the cam plate function, you will be able to parameterize and program cam plate synchronization.

This extends your scope for creating programs for your production machine.

### Zielgruppe

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Programmers

Commissioning engineers, configuring engineers

### Inhalte

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Introduction to creating user programs with Structured Text

Creating variables and data structures in ST-Units

Creating re-usable blocks (FCs and FBs)

Programming commands for motion control

Creating cam plates with CAM EDIT and using system functions

Parameterizing and programming cam plate synchronization

Overview of communication with OPC and UDP

Consolidation of the contents through practice-oriented exercises in the virtual learning environment with SIMOTION

### Teilnahmevoraussetzung

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SIMOTION knowledge according to the course MC-SMO-PM

Technical requirements:

For this training you need a computer with Windows7 or better Windows10 and a stable internet connection with 16 MBit. As internet browser you need Google Chrome to access a virtual whiteboard and to use our TIA cloud solution well. Platform for this training is Microsoft Teams. We recommend installing the Microsoft Teams App for the best possible use of all functions.

### Hinweise

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Until 31.12.2017 the course was listed under the name MC-SMO-PRG.

### Typ

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Online-Training

### Dauer

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5 Tage

### Sprache

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### Gebühr

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Price includes 10% introductory discount until 30.09.2020