

## PROGRAMMING SCL USING TIA PORTAL

Program SIMATIC S7 in a high-level programming language using SCL, troubleshooting

### DURATION

2 Days

### CONTENT

- Working with the digital twin (SIMIT)
- Editing of SCL programs
- SCL operations and data types
- Program structures
- Variables and symbols
- Programming structural elements such as branches and loops
- Overview of SCL Instruction Set
- Documentation of SCL programs
- Test functions and debugger functions
- Creating, testing and commissioning of simple SCL programs

### TARGET GROUP

Programmers, commissioning engineers, project planners, advanced service personnel

### REQUIREMENTS

Basic knowledge of SIMATIC S7 based on TIA Portal

### SOFTWARE / DEVICES

TIA Portal, STEP 7, S7-1500, HMI panel, virtual model

### OUR RECOMMENDATION

We moreover offer additional advanced modules focusing on engineering, operator control and monitoring, communication and drive technology.

### Events

## YOUR PERSONAL CONTACT PERSON

### Hochheim am Main

At our headquarters in Hochheim we advise you for our locations **Berlin, Braunschweig, Düsseldorf, Hamburg, Hochheim am Main** and **Mannheim**.



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### München

At our headquarters in Munich we advise you for our locations **Dresden, Freiburg, Graz, Innsbruck, Leipzig, Linz, München, Nürnberg, Stuttgart, Zürich** und **Wien**.



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