

PROGRAMMING COURSE 2 SIMATIC TIA PORTAL - ONLINE

Programming, frequency converter, SCL, WinCC, communication

DURATION

5 Days

CONTENT

- Working with the digital twin (SIMIT)
- FCs, FBs, and multi-instances
- Handling of complex data structures
- Libraries for reusable blocks
- Configuration and commissioning of a simulated virtual model with PROFINET
- Integration of external devices in PROFINET
- Parameterization of an inverter and commissioning on PROFINET
- Configuring the operating device with WinCC
- Managing data in recipes
- Extended functions of WinCC
- Creating and testing complex SCL programs
- Sequence control with GRAPH
- Ethernet communication
- Basics of functional safety

TARGET GROUP

Programmers, commissioning engineers, project planners, advanced service personnel

REQUIREMENTS

Knowledge of Programming Course 1 SIMATIC TIA Portal and SIMATIC S7.

SOFTWARE / DEVICES

We recommend an Internet connection with at least 16 Mbit, two monitors and a headset. Practical exercises are carried out browser-based on a virtual plant model.

OUR RECOMMENDATION

Take the examination for Automation Technician / Project Planning TIA Portal according to ZVEI. 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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