

PROGRAMMING COURSE 2 SIMATIC TIA PORTAL

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

ONLINE VORBEREITUNG

Mit unserem praxisnahen Online-Training bereiten Sie sich optimal auf den Online-Vorbereitung Programmierkurs 2 TIA Portal vor. [Hier erhalten Sie weitere Informationen.](#)

TARGET GROUP

Programmers, commissioning engineers, project planners, advanced service personnel

REQUIREMENTS

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

SOFTWARE / DEVICES

TIA Portal, STEP 7, WinCC, SCL, S7-1500, ET 200, HMI panel, SINAMICS, virtual 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**.



Monika Jatta
Head of training organization
+49 6146 828280
kontakt@grollmus.de
www.grollmus.de

München

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



Kristina Hocke
Head of training organization
+49 89 23238870
kontakt-muenchen@grollmus.de
www.grollmus.de