

BASIC COURSE SIMATIC TIA PORTAL

Basic operations, TIA Portal, troubleshooting, PROFINET IO, operator panel

DURATION

5 Days

CONTENT

- basics of automation
- system overview of SIMATIC S7-1500/1200 and TIA Portal
- hardware setup with EPLAN
- configuration of devices and networks
- program structure and organization blocks
- editing program blocks
- TIA Portal basic operations
- data blocks and data types (variables)
- parameterization of PROFINET IO
- commissioning and troubleshooting
- HMI system for operating and monitoring
- document and save programs

TARGET GROUP

Employees from all departments are welcome, who want to learn how to make proficient usage of SIMATIC S7-1500/1200.

REQUIREMENTS

Experience with electrical controls. You are welcome to check your knowledge by taking our online test.

SOFTWARE / DEVICES

TIA Portal, WinCC, S7-1500, ET 200, HMI-Panel, plant model

OUR RECOMMENDATION

Please also attend our following trainings "Service Course 1 SIMATIC TIA Portal" and "Programming Course SIMATIC TIA Portal". We moreover offer extension modules focusing on engineering, operating/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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