

Siemens SIMATIC S7 Systemcourse 1A met TIA Portal (TIA-PRO1A)

Short Description

Basic knowledge 1A part of the automation system SIMATIC S7 PLC with TIA Portal; STEP7, WinCC.

Objectives

In this course you will learn the basics of the Automating system SIMATIC S7 and the Engineering software STEP7, WinCC and TIA portal. All subjects are tested with practical exercises using a SIMATIC S7-1500, an HMI Panel and conveyor model. After the course you are able to commission a SIMATIC S7 system and test the programs.

Target Group

Programmers, Commissioning and maintenance personal

Content

The subjects is this course are:

- Introduction SIMATIC S7 and SIMATIC STEP7 TIA portal
- Configuration of systems and networks to access the PLC via the PC
- Creating TAG lists
- Structuring the program using the correct program blocks
- Using Binary instructions to create programs
- Programming a Human Machine Interface (HMI)
- Timers and Counters
- functions of the device configuration
- test tools for the program

Prerequisites

Basic knowledge of industrial automation.

Note

Exercises are tested with a S7-1500 system.

Type

Face-to-face training

Duration

2 days

Language

en, nl

Fee

1,050 EUR