

Siemens SIMATIC S7 Systemcursus 1A+1B met TIA Portal (combicursus) (TIA-PRO1)

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

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

5 days

Language

en, nl

Fee

2,700 EUR