SIEMENS

Siemens SIMATIC S7 Systeemcursus 1B met TIA Portal (TIA-PRO1B)

Objectives

In this course you will learn to use the maintenance, test and diagnostic tools of the STEP 7 PLC programs. With the explained functions you are able to write, change, load into the PLC and test programs. All subjects are tested with practical exercises using a SIMATIC S7-1500, an HMI Panel and conveyor model.

Target Group

Programmers, Commissioning and maintenance personal

Content

The subjects is this course are:
- Commisiong remote I/O with Profibus DP and Profinet IO
- data types and related function
- programming parameter assignable Functions (FC) and using temperary variables
- programming parameter assignable Function blocks (FB) and using static variables
- data blocks
- using analog in- and output signals
- test and diagnostic tools for soft- and hardware
- Programming a Human Machine Interface (HMI)
- introduction programming language SCL
- introduction programming language GRAPH

Prerequisites

The SIMATIC S7 Basic course [TIA-Portal] or similar knowledge.

Note

Exercises are tested with a S7-1500 system, HMI panel, conveyor model and PC.

Type

Face-to-face training

Duration

3 days

Language

nl

Fee

1,560 EUR