SIEMENS

Simatic S7 programmering 1 (ST-PRO1)

Objectives

The training is a good basis for more specialized and in-depth training within Simatic. We are going through the programming tool Step 7. The training provides knowledge of the electrical and mechanical structure of the control system, as well as hardware configuration and program management where we go through logic functions, speech processing and analog value handling. We walk through the system information and diagnostic tools for quick troubleshooting and learn how to use different data types for memory management and archiving. We also review communication via MPI- the interface and communication with Profibus DP.

Target Group

The training is aimed at those who have experience in planning, programming and commissioning of control systems.

Content

The systems in the Simatic S7 series
Step 7, installation and authorization
Configuration and parameterization of the hardware
Program editor in Step 7
Block types and structured programming
Logical functions
Comparators, counters and timers
Diagnosis and program testing
Symbolic addressing
Storage of data in memories and data blocks
Analogue value management
Introduction to Profibus DP

Prerequisites

Programmers who are used to PLC and PLC programming.
Feel free to complete the web training PLCs for beginners as a preparation for this training. You will receive a link for logging in to the online course PLCs for beginners in your booking confirmation for this course.

Note

The training material is in Swedish. The practical exercises are carried out on the Simatic S7-300.

Type

Face-to-face training

Duration

4 days

Language

sv

Fee

22,700 SEK