

ST-7PRO1 – Programming 1 / Курс ST-7PRO1 — программирование (ST-7PRO1)

Short Description

The course is intended for experts in the field of design, programming and introduction of systems on the basis of SIMATIC S7 controllers. The course provides a necessary basic level of knowledge for practical programming and service of SIMATIC S7.

Objectives

Studying of a STEP 7 package, drawing up program structures, development, documenting and start of programs of the user

Content

- Review of SIMATIC S7 controllers
- Work with Simatic Manager
- Equipment configuration
- Symbolical addressing
- Architecture of blocks and their editing
- Binary instructions
- Processing of numbers
- Programming of functions and functional blocks. Blocks of data
- Organizational blocks
- Search and elimination of mistakes in the program
- Processing of analog signals
- Communication on the MPI interface (global data)

Prerequisites

experience with WINDOWS
the higher or secondary technical education

Note

Practical exercises are carried out with use of educational SIMATIC S7-300 or SIMATIC S7-400 stands, programmer of FieldPG and model of the conveyor.

Type

Face-to-face training

Duration

5 days

Language

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