

ST-7PRSERV – Programming and maintenance (Simatic Step 7 Classic) / Курс ST-7PRSERV – Программирование и обслуживание (ST-7PRSERV)

Short Description

The course is intended for the experts who are engaged in programming, design and service of control systems on the basis of SIMATIC S7300/400 controllers. The course provides with additional knowledge of development of programs and design of systems of automation with use of STEP7, the instrument of visualization of ProTool/Pro and the Profibus networks, and also on service of SIMATIC S7 systems

Objectives

Acquisition of expanded knowledge of development of programs and to service of SIMATIC S7 systems and the decentralized periphery, search and elimination of malfunctions

Content

- Creation of the program of management of the assembly line
 - Programming of functions and functional blocks
 - Work with organizational blocks of processing of mistakes
 - Receiving and the analysis of diagnostic data on a condition of system by means of SFC
- Localization and elimination of mistakes in the program, its debugging
- The distributed periphery
 - Diagnostics of the conducted devices during the work in the Profibus network
 - Use of ProTool/Pro for test functions in systems of automation

Prerequisites

Initial knowledge of SIMATIC S7 within courses ST-7SYH and ST-7STOE

Note

Practical exercises are carried out with use of educational SIMATIC S7-300 stands (CPU 315-2DP), SIMATIC S7-400 (CPU 414-2DP), FieldPG programmer, and also conveyor models. The course provides a large number of tasks on creation and testing of programs and elimination of mistakes.

Type

Face-to-face training

Duration

5 days

Language

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