

SIMATIC S7 Advanced Service Course (based on STEP7 V5.x) / SIMATIC S7 高级维护课程 (基于STEP7 V5.x) (A7112)

Objectives

Building on the SIMATIC Service fundamentals, the focus here is on the use of STEP7 system functions as well as fault correction with STARTER software and WinCC flexible. You also start up PROFINET IO. You will reinforce your theoretical knowledge through numerous practical exercises on a TIA plant model. What you learn about Totally Integrated Automation (TIA) will teach you to take a holistic view of your plant and to understand the relationship between the individual components. On completion of the course, you will be able to safely diagnose and correct complex faults. The comprehensive understanding gained gives you new impetus and ideas for production optimization.

Target Group

service personnel, operators, users, maintenance personnel

Content

- Starting up a program for an assembly line system
- Complex data type and advanced program
- Starting up a project with WinCC flexible
- Starting up distributed I/O
- Program and Project Backup
- Supplementing and analyzing diagnostics messages
- Software troubleshooting
- Diagnosing faults on PROFIBUS DP
- Diagnostic Function based on program
- User Defined Diagnosis
- EMC Basic
- Diagnostics facilities with the "Starter" software
- Use of PROFINET IO with SIMATIC S7
- Diagnosing faults on PROFINET IO
- Maintenance of automatic system

Prerequisites

Completion of course A7111

Type

Face-to-face training

Duration

7 days

Language

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