SIEMENS

SIMATIC S7 Programming with SCL / SIMATIC S7-SCL 结构化控制语言编程 (A1480)

Objectives

This course aimed at programming SIMATIC S7 by the help of a higher-level programming language. With simple examples,we explain the benefits offered by a high-level programming language to you. The object of the course is to offer you a better understanding of using development environment of SCL and its performance. In particular,SCL is the ideal supplement for CFC configuring engineers who want to expand their S7 block range themselves. During the course,you will create,start up and test your own SCL programs. In this way,you can immediately put your theoretical knowledge to use and thus increase your learning success. On completion of the course,you will be able to use high-level languages to reduce the overhead for program creation dramatically when compared with STL. During this course,you will be able to create,debug and text your SCL program.

Target Group

operators, service engineers, programming and commissioning engineers

Content

- SCL editor
- Program designing
- Data type and instruction
- Generating FB,FC,OB with SCL
- The use of variable and symbol block name
- Control structure: IF,WHILE,REPEAT
- Debugging
- Program testing,troubleshooting
- Exercises of programming and debugging

Prerequisites

Completion of course A7111

Type

Face-to-face training

Duration

2 days

Language

zh

Fee

2,800 CNY