SIEMENS

SIMATIC S7-300/400 System, Service & Programming Plus Course (based on STEP7 V5.x) / SIMATIC S7-300/400 系统、维护与编程综合课程（基于STEP7 V5.x）（A7111）

Objectives

This comprehensive course is about the characteristics of SIMATIC S7 and TIA. It provides the entire information required for product-oriented intensive course. This course is not only designed for users working in the fields of operation, maintenance and installation, but also for users with engineering experience in the fields of configuring, design and commissioning of SIMATIC S7 programmable controllers.

Target Group

operators, maintainers, service personal, programming and commissioning engineer

Content

- Familiarizing with the performance characteristics of PLCs and programming facilities
- Mastering assembly and installation of PLCs
- Configuration and parameterization of CPU and modules with STEP 7 tools
- Structure, generating, document and operation of PLC programs with SIMATIC S7
- Using absolute and symbolic address
- Basic instructions for programming
- Handling data types, data storage and archiving
- Formulating and using programmable block FC and FB
- Using interrupt-controlled program
- Handling analog modules and analog values
- Evaluating system information of the programmable controller and using diagnosis information for troubleshooting
- Introduction to Profinet
- Introduction to HMI
- Introduction to Communication between PLC and Inverter through Fieldbus

Prerequisites

Basic knowledge of electrical engineering technology

Type

Face-to-face training

Duration

10 days

Language

zh

Fee

12,000 CNY