SIEMENS

Test: Siemens Certified Service Technician Level 1 in the TIA Portal / 西门子自动化维护工程师基础认证考试（基于TIA博途）(A7811CP)

Objectives

Your skills of S7-1500 service basic training will be tested. The practical assessment includes the commissioning of the hardware of a PLC, a simple PLC program and the components of Totally Integrated Automation. After passing the examination successfully you will receive a certificate that attests your specialist knowledge

Target Group

Service personnel, Operators, users, Maintenance engineers

Content

- SIMATIC controller servicing
  - Systematic troubleshooting in an automation system
  - Distinguishing hardware and software faults/errors
  - Troubleshooting errors/faults in programmable logic controllers and the distributed I/O
  - Hardware and software diagnostics functions
  - Configuring and assigning parameters to modules with diagnostics
  - Digital and analog signal processing
  - Putting certain blocks into operation and expanding them
- Industrial communication
  - Commissioning distributed I/O
- Human Machine Interface (HMI)
  - Configuration of HMI screens
  - Configuring messages
- Motion control
  - Commissioning of a drive

Prerequisites

Attendance of the course A7811

Type

Face-to-face training

Duration

3.5 hours

Language

zh

Fee

1,200 CNY