



---

## Test: Siemens Certified Service Technician Level 1 / 西门子自动化维护工程师基础认证考试 (A7111CP)

---

### Objectives

---

Your skills from SIMATIC 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 A7111

### Type

---

Face-to-face training

### Duration

---

3.5 hours

### Language

---

zh

### Fee

---

900 CNY