

## Design and Programming of SIMATIC S7-1500F Distributed Safety (based on TIA Portal) / SIMATIC S7-1500F 分布式安全系统的调试与编程 (基于TIA博途) (A7823)

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### Objectives

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In this course, you will learn about configuring, programming, starting up, diagnosing and troubleshooting of the failsafe CPUs of the SIMATIC S7 Safety PLC (no H systems) and the failsafe, distributed ET200 systems.

### Target Group

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Programmers, Commissioning engineers, Engineering personnel

### Content

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- Overview and guidelines
- Product overview and operating principle Safety Integrated
- Configuring of the fail-safe components with STEP 7 Safety in TIA Portal
- Programming of a safety program
- Fail-safe communication
- Diagnostics facilities (CPU diagnostics, I/O diagnostics, advanced diagnostics)
- Deeper understanding of contents through practical exercises on the system SIMATIC S7-1500F

### Prerequisites

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Complete A7811 or A7816 course

### Type

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Face-to-face training

### Duration

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4 days

### Language

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en, zh

### Fee

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5,800 CNY