

## SIMATIC S7, Programming with S7-GRAPH based on TIA Portal / SIMATIC S7-GRAPH 顺序控制编程 (基于TIA博途) (A7822)

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### Objectives

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The course aims to inform participants about the complete language and performance scope of the sequential controls with SIMATIC S7-GRAPH development environment. During the training course, you will create, commission, and test your own sequential controls programs. In this way, you can implement your theoretical knowledge in a direct, hands-on way on a TIA system model, consisting of a SIMATIC S7 automation system, thereby increasing your learning success. After the course, you will be able to reduce the amount of time spent on creating and maintaining programs through the use of SIMATIC S7-GRAPH.

### Target Group

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programmers, commissioning engineers, configuring engineers, service personnel, maintenance personnel

### Content

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- Design, structure and methods of representation of sequencers with SIMATIC S7-GRAPH
- Planning and configuring sequencers
- Programming, documenting and starting up sequence blocks
- Programming of interlocks and monitoring
- Use of event-driven actions
- Properties of simultaneous and alternative branches
- Integrating manual mode
- Test functions and diagnostics facilities
- Deeper understanding of contents through practical exercises on TIA system model

### Prerequisites

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Knowledge of SIMATIC STEP 7 based on TIA Portal

### Type

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Face-to-face training

### Duration

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3 days

### Language

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en, zh

### Fee

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4,500 CNY