

## On line Training Programmazione SIMATIC S7-GRAPH con SIMATIC STEP 7 V5.x (ST-7GRAPH)

---

### Short Description

---

The course is aimed at users who configure, program and start up sequential controls with SIMATIC S7-GRAPH in the SIMATIC STEP 7 V5.x. On completion of the course, you will be able to create or effectively supplement sequential controls.

### Objectives

---

After attending the course, you can:

- Structure and process a program using the program elements of SIMATIC S7-GRAPH
- Create, document, test and troubleshoot an application program
- Identify the components and performance characteristics of a SIMATIC S7-GRAPH structure

### Target Group

---

Programmers  
Commissioning engineers  
Engineering personnel  
Maintenance personnel  
Service personnel

### Content

---

- 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
- Documentation and ASCII storage
- Integrating manual mode
- Test functions and diagnostics facilities

The theoretical knowledge will be deepened with numerous practical exercises on a TIA system model. This consists of a SIMATIC S7-300 automation system and a conveyor model.

### Prerequisites

---

SERV1 or PRO1 courses or equivalent basic knowledge of automation systems.

### Note

---

In this course, the SIMATIC S7-300 automation system and the SIMATIC STEP 7 V5.x software are used; TIA-GRAPH course is available for the SIMATIC STEP 7 (TIA Portal) software.

### Type

---

Online-Training

### Duration

---

12 hours

### Language

---

it