

## Siemens SIMATIC S7 Systemcourse 1A met TIA-Portal (TIA-PRO1A)

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### Objectives

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In this course you will learn the basics of the Automating system SIMATIC S7 and the Engineering software STEP7, WinCC and TIA portal. All subjects are tested with practical exercises using a SIMATIC S7-1500, an HMI Panel and conveyor model. After the course you are able to commission a SIMATIC S7 system and test the programs.

### Target Group

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Programmers, Commissioning and maintenance personal

### Content

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The subjects is this course are:

- Introduction SIMATIC S7 and SIMATIC STEP7 TIA portal
- Configuration of systems and networks to access the PLC via the PC
- Creating TAG lists
- Structuring the program using the correct program blocks
- Using Binary instructions to create programs
- Programming a Human Machine Interface (HMI)
- Timers and Counters
- functions of the device configuration
- test tools for the program

### Prerequisites

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Basic knowledge of industrial automation.

### Note

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Exercises are tested with a S7-1500 system.

### Type

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Face-to-face training

### Duration

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2 days

### Language

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nl

### Fee

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880 EUR