

Online-Training - TIA Portal Programming Expert Additional Topics (TIA-PROEXPADD)

Short Description

Discover new possibilities with SIMATIC S7-1500! Deepen your know-how and tap into the full potential of the SIMATIC S7-1500 controller. You will expand your knowledge to include the aspect of communication between SIMATIC CPUs via Industrial Ethernet, the motion control technology object. Ideal for all those who want to expand their knowledge and master modern automation solutions with the SIMATIC S7-1500. Decide now – for more competence, more efficiency and more security in your automation! In order to provide you with the best possible support and training in your personal learning environment (own office/home office), we have implemented selected courses as digital online trainings for you. We provide you with live theory lectures from our experts, which convey the course content described in the learning objectives in a practical and comprehensive manner, utilizing our virtual exercise environment for practical exercises. In our virtual classroom, our expert is also available to you at any time during your individual practical exercises for in-depth questions and technical discussions.

Objectives

After attending the course, you will be able to:

- Configure CPU – CPU communication via Industrial Ethernet
- Use of technology objects (motion control)
- Assessing the area of application of Safety Integrated

You can deepen your theoretical knowledge with numerous practical exercises in our virtual learning environment. This consists of a SIMATIC S7-1500 and a virtual model of a production system.

Target Group

Programmers

Content

- CPU - CPU communication via Industrial Ethernet
- Using technology objects (motion control)
- Be able to assess the area of application of Safety Integrated

Deepening of the content through practice-oriented exercises on the SIMATIC S7-1500 and a virtual model of a production system.

Included in the course price: Free access to the digital learning platform [SITRAIN access](#) – starting one week before the start of the course until two weeks after the end of the course. Here you will find web-based trainings on [SITRAIN access](#) – beginnend eine Woche vor Kursstart bis zwei Wochen nach Kursende. Hier finden Sie web-based Trainings zu .

Basics of Industrial Networks (Curriculum) und

TIA Portal - Introduction to Technology Objects and many more. With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

Prerequisites

SIMATIC S7 knowledge according to TIA-PROEXP-LJ or TIA-PROEXP and practical experience in the application of the knowledge.

- [Technical requirements](#) > VLab

Note

In this course you will work with SIMATIC S7-1500 and software SIMATIC STEP 7 based on TIA Portal.

The Learning Membership starts 7 days before the start of the course and ends 14 days after the end of the course. During this period, you have access to all of the more than 480 web-based trainings available.

Type

Online-Training

Duration

2 days

Language

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