

Simatic Tia Portal advanced Course

Content

- TIA Portal Refreshing the basic knowledge.
- Configure devices and networks.
- Configuring PROFINET IO.
- Advanced programming options and programming functions.
- Programming data blocks (multi-instances).
- Programming data blocks (global, instance).
- Word processing, analog value processing.
- Variables, parameter types, arrays.
- PLC data types.
- Commissioning and troubleshooting.
- Operating and display elements.
- Module state, operating state.
- Watch and force tables.
- Diagnostics, diagnostic buffer.
- Extended diagnostic functions, module comparison.
- System diagnostics via web server.
- Document and save programs.

Description

In this comprehensive course, you will acquire fundamental knowledge about the structure, configuration, and parameterization of the automation systems S7-1200 and S7-1500. By delving into the Simatic TIA Portal, you will become proficient in its usage, gaining essential programming skills and troubleshooting techniques. Additionally, you will gain insight into integrating decentralized peripherals and HMI stations, expanding your understanding of the system's capabilities. Through a series of practical exercises using a plant model, you will deepen your theoretical knowledge and be able to apply it immediately in real-world scenarios. Upon completion of the training, you will possess the ability to create S7 programs in the TIA Portal, make program modifications, and confidently diagnose and rectify errors using the powerful functionalities of the TIA Portal. Our goal is to equip you with practical skills that empower you to excel in your automation endeavors.

Target group

Project planners, programmers, commissioning engineers, maintenance engineers.

Requirements

Basic knowledge of automation technology is desirable.

Type of course

- Presence Training
- Online Training with Hardware
- Online Training without Hardware

Course Duration

- One training hour FREE of charge.
- 15 hours in 3-4 days for Presence Training
- 15 hours in 3-4 days for Online Training with Hardware
- 12 hours in 3-4 days for Online Training without Hardware

Course language

- English language
- German language
- Arabic language

Price

- Enjoy our ONE FREE TRAINING SESSION
- 200 euros for Presence Training
- 100 euros for Online Training with Hardware
- 50 euros for Online Training without Hardware

Payment currency

- Euro
- Dollar
- EGP.

Dates of the courses

June <ul style="list-style-type: none">- 02.06. - 05.06.2023 (3 p.m. - 8 p.m)- 09.06. - 12.06.2023 (3 p.m. - 8 p.m)- 16.06. - 19.06.2023 (3 p.m. - 8 p.m)- 23.06. - 26.06.2023 (3 p.m. - 8 p.m)	July <ul style="list-style-type: none">- 07.07. - 10.07.2023 (3 p.m. - 8 p.m)- 14.07. - 17.07.2023 (3 p.m. - 8 p.m)- 21.07. - 24.07.2023 (3 p.m. - 8 p.m)- 28.07. - 31.07.2023 (3 p.m. - 8 p.m)
August <ul style="list-style-type: none">- 04.08. - 07.08.2023 (3 p.m. - 8 p.m)- 11.08. - 14.08.2023 (3 p.m. - 8 p.m)- 18.08. - 21.08.2023 (3 p.m. - 8 p.m)- 25.08. - 28.08.2023 (3 p.m. - 8 p.m)	September <ul style="list-style-type: none">- 01.09. - 04.09.2023 (3 p.m. - 8 p.m)- 08.09. - 11.09.2023 (3 p.m. - 8 p.m)- 15.09. - 18.09.2023 (3 p.m. - 8 p.m)- 22.09. - 25.09.2023 (3 p.m. - 8 p.m)
October <ul style="list-style-type: none">- 06.10. - 09.10.2023 (3 p.m. - 8 p.m)- 13.10. - 16.10.2023 (3 p.m. - 8 p.m)- 20.10. - 23.10.2023 (3 p.m. - 8 p.m)- 27.10. - 30.10.2023 (3 p.m. - 8 p.m)	November <ul style="list-style-type: none">- 03.11. - 06.11.2023 (3 p.m. - 8 p.m)- 10.11. - 13.11.2023 (3 p.m. - 8 p.m)- 17.11. - 20.11.2023 (3 p.m. - 8 p.m)- 24.11. - 27.11.2023 (3 p.m. - 8 p.m)
December <ul style="list-style-type: none">- 01.12. - 04.12.2023 (3 p.m. - 8 p.m)- 08.12. - 11.12.2023 (3 p.m. - 8 p.m)- 15.12. - 18.12.2023 (3 p.m. - 8 p.m)- 22.12. - 25.12.2023 (3 p.m. - 8 p.m)	

You can also request other dates by sending an E-mail to:

info@controbyte.com

Registration for the course

To book a course, you can send us a booking request directly by email with the course title and your desired date. We will process your request as soon as possible and contact you.

E-Mail: info@controbyte.com

Do you have questions or would you like advice on which training is right for you? Call us directly or send us an e-mail. Your personal contact persons will be happy to advise you!

Hassaan Ibrahim

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