

BECKHOFF Training Offer

Prepared for:

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Industrial Technologies S.A.L

Description:

The purpose of this document is to describe the intent of Industrial Technologies S.A.L (ITEC) to provide technical training courses.

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Course Level 1: Introduction to TwinCAT PLC Programming - **BT100**

Who Should Attend?

- Commissioning Engineers
- Configuring Engineers
- Service Personnel
- Maintenance Personnel
- Sales and Managers

Prerequisites

- Good PC skills are required, with a basic understanding of inverter principles and electronics knowledge would be beneficial but is not essential
- Knowledge of PLC software would be advantageous but be not essential

Aims and Objectives

On completion of the course the student will be able to:

- General overview about BECKHOFF products offering (IPC, embedded PLC, field bus components (Bus coupler/controller, I/O's), Drive Technology).
- Features of TwinCAT software.
- How to search the information system, when looking for help or for more technical information.
- Be able to configure and scan your hardware by using the system manager software.
- Basics of PLC control with hands on tools.
- How to create a basic HMI screen for a simple project using TwinCAT Visualization.

Contents

- Product Overview (Industrial PC, Embedded PC, Fieldbus Components, Drive Technology, TwinCAT software).
- System Overview
- Hands-On:
 - TwinCAT Properties
 - System Manager
 - PLC control
 - Visualization

- Link between Hardware and Software
- Examples

Duration

One day

Training center

ITEC operates a Proof of Concept Automation Center, Live Demo & Training Facility, all for the purpose of educating our engineers and clients on the latest industrial automation technologies.

Itec teams are happy to share their knowledge.

We are offering different training courses in the following subjects:

- BECKHOFF embedded PLC and new automation design, using TWINCAT software.
- ETHERCAT, PROFINET and PROFIBUS training courses
- LAD, FBD, CFC, SFC and STL programming on different types of PLC's
- CAD solutions, using Engineering Base (EB) from AUCOTEC
- SIEMENS S7 200 training courses
- SIEMENS Step 7 - S7 300 and S7 400 Training courses
- SIEMENS WinCC flexible, for machine visualization solutions
- SIEMENS WinCC SCADA course
- DRIVES (VFD), ABB drives
- Machine Safety courses, using PILZ products

Please send us a support request - support@iteclb.com -; stating what kind of training you would like to attend.



Pricing

Course	Price	Attendees	Totals
B101	200 \$	6	1,200 \$

*** In order to open the class a minimum of 4 students is required**

Payments

- 100% upon Purchase

Validity

This offer can be changed or amended or canceled by ITEC without any prior notice.

ITEC sincerely appreciates the opportunity to be of service to the trainees

This offer is prepared by

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and approved by

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Should you have any questions or comments, please do not hesitate to contact us:

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