

IMIT i diskret automationsteknik för nybörjare (DI-SIMITFA)

Beskrivning/mål

IMIT enables the comprehensive simulation of machine and plant behavior for virtual commissioning. With the help of the components integrated in IMIT, you can test your PLC code to thereby produce the highest quality and establish your new products on the market much faster.

This course gives you an overview of the functions and libraries of the IMIT simulation software.

Using practical examples, you will learn step-by-step how to design simulations/models for testing automation software.

The perfect interaction of all components integrated in IMIT enables you to sustainably produce more with top quality and establish your new products on the market much faster.

After attending the course, you will be able to:

- Create your own components and templates
- Use the possibilities of efficient engineering in IMIT - Set up the couplings between the simulation in IMIT and PLCSIM Advanced

Målgrupp

Decision makers
Sales personnel
Project managers
Project workers
Programmers
Configuration engineers

Innehåll

- Introduction to IMIT
- Introduction to Digital Twin
- General information about IMIT
- Representation of the three simulation levels and how they work
- Simulating signal, device and process levels
- Connection to PLCSIM Advanced
- Connection to NX MCD
- Creating your own components with the Component Type Editor
- Creating templates and effective engineering through import functions
- Working with the CONTEC library provided by IMIT

Förkunskaper

Basic knowledge of automation technology

Practical experience in SIMATIC TIA Portal configuration

Attendance of the course "[Virtual Commissioning for Machines - Totally Integrated Automation in the Digital Enterprise "](#) (DI-VIRTCOM) is recommended.

Typ

Utbildning

Antal dagar

3 dagar

Språk

sv

Pris

24 600 SEK