SIEMENS

Online-Training - SIMATIC WinCC Unified 1, System course (TIA-UWCC1)

简要介绍

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.
SIMATIC WinCC Unified as a visualization system in the TIA Portal. The system convinces with the use of native web technologies, which you will learn about in this course. You will also be taught the high degree of openness through high-performance interfaces. Learn how to use WinCC Unified and HMI Unified Panels and get a personal impression of the performance of WinCC Unified systems.

Also available as a Learning Journey

培训目的

The training is aimed at beginners in WinCC Unified. All the necessary basics and project planning steps are taught. Only general knowledge of automation technology is advantageous.
After the course, you will be able to use Unified Comfort Panels safely and create your own HMI projects with WinCC Unified Engineering:
- Presentation of the installation
- TIA Portal Design operating diagrams and create simple dynamisations
- Effective project planning through the use of faceplates
- Create image navigation (image window technique)
- Configuring Alarms and Messages
- Access to S7 controllers
- Raising awareness of security aspects
- Perform HMI device update and device replacement
- Load project planning into PC station

Pros
- Training of the new HMI system WinCC Unified directly from the manufacturer
- Skill is more than knowledge. Through many practical exercises, you will be able to master WinCC Unified safely after the course
- The new Unified Comfort Panels at your fingertips. Get a personal impression of the performance of the devices

Combine your learning event (face-to-face / online course) with web-based training on our digital learning platform for industry and increase your personal learning success. On SITRAIN access you will find various supplementary topics on HMI, as well as other topics on TIA Portal, PROFINET or data communication with Industrial Ethernet, digitization and much more.

As part of your course booking, you will receive free trial access to the digital learning platform:

Click here for more information about SITRAIN access

You have access to all web-based training courses 7 days before the course starts. The trial period ends automatically 14 days after the end of the course.
As an introduction to the digital learning platform, we recommend the following learning path:

Automation Basic Curriculum

培训对象

You are tasked with creating and/or editing HMI projects. Regardless of whether you are a first-time user or have already had your first contact with HMIs, this course will show you many new things and give you confidence in using WinCC Unified and Unified Comfort Panels.
- Programmers
- Commissioning engineers
- Configuration engineers
- Repair personnel
- Maintenance personnel
- Service personnel
- Operators

课程内容

Product version: WinCC V21
- System Overview
- Get to know the engineering system design interface
- Creating and using projects
- Loading the project into the control panel
- Create images and image navigation

- Get to know and create standardization and faceplates
- Use system functions, task scheduler
- Create user management
- Security Aspects
- Variable archiving and reporting system incl. archive configuration
- Installation
- HMI device update and device replacement: HMI Unified Panel to a PC station
- Load project planning into PC station
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This course includes a Learning Membership (limited in time) for our digital learning platform SITRAIN access. Here you will find web-based training courses on HMI to deepen or repeat them and much more.
As an introduction to the digital learning platform, we recommend the following learning path:

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必备条件

- Basic knowledge of automation technology
- Technical requirements

注意事项

Other courses of interest to you:

SIMATIC WinCC Unified 2, Advanced Course (TIA-UWCC2) and SIMATIC WinCC Unified 3, Advanced Course (TIA-UWCC3)

课程类型

网络培训

培训天数

4 天

培训语言

en

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