SIEMENS

SIMATIC TIA Portal WinCC SCADA / SIMATIC WinCC SCADA 系统课程（基于TIA 博途）（A7851）

Objectives

The course is based on the possibilities of WinCC SCADA in TIA Portal. You will learn how to create and dynamize the required interface. You will also be shown how to log messages and values and how to design and implement the appropriate logs. After attending the course, you can do the following: Use SIMATIC WinCC efficiently and reliably on the basis of the "TIA Portal" engineering platform; Understand and edit SIMATIC WinCC projects for use in the SCADA area; Optimally structure the user interface; Implement logging concepts for messages, alarms and measured values; Selectively access values in the SIMATIC S7 and display and further process these values in the HMI system.

Target Group

programmers, commissioning engineers, configuring engineers, service personnel, operators, users

Content

- System overview TIA Portal, SIMATIC WinCC (SCADA)
- Creating a SIMATIC WinCC project
- Configuring the connection to the SIMATIC S7 automation system
- Structuring the operator interface
  - . Fundamentals of creating graphics displays for human machine interfacing
  - . Navigating through the plant displays
- Background processing Global Scripting
- Faceplates for reuse and centralized modification of graphics blocks
- Message representation, message logging, message configuring
- Variable logging, trend configuring, and trend plotting
- User administration
- Recipes
- Project immigration
- Reinforcement of the content by means of practical exercises on the TIA system model

Prerequisites

Basic knowledge of automation engineering

Type

Face-to-face training

Duration

5 days

Language

zh

Fee

7,200 CNY