



SCADA Systems based on SIMATIC WinCC Professional

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Meirc
Training & Consulting



Why Attend

The main aim of this course is to provide the participants with basic knowledge about Siemens SCADA Systems based on WinCC Professional.

Course Methodology

The course is hands on with great emphasis on the practical aspects of SCADA systems. The course is based around Siemens SIMATIC WinCC Professional.

Course Objectives

By the end of the course, participants will be able to:

The course objectives are to provide the participants with the knowledge and skills to enable them to work with Siemens SCADA systems

On completion of this course the participant will be able to do the following:

- Use SIMATIC WinCC Professional efficiently and reliably on the basis of the "TIA Portal" engineering platform
- Understand and edit SIMATIC WinCC Professional 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 Audience

Electrical and instrumentation technicians and engineers

Target Clients

- Oil & Gas
- Food & Beverage
- Cement
- Chemical Industry
- Mining
- Fertilizers
- Pharmaceutical Factories.
- Water and Waste Water station

Note

Basic Knowledge of Automation Technology.

Course Outline

- System overview TIA Portal, SIMATIC WinCC Professional
- Creating a SIMATIC WinCC Professional 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
- User administration
- Message representation, message logging, message configuring
- Variable logging, trend configuring and trend plotting
- Trend plotting, and message representation including logging of data in the database
- Faceplates for reuse and centralized modification of graphics blocks
- Background processing Global Scripting



- Reinforcement of the content by means of practical exercises on the TIA system model
- Open Discussion...



Location & Date

13 - 17 Oct, 2019	English	Dubai	Meirc Offices Dubai
1 - 5 Mar, 2020	English	Dubai	To be assigned

Fees: US\$ (including coffee breaks and a buffet lunch daily)

Per participant - 2019	US\$ 3800
Per participant - 2020	US\$ 3900

Fees + VAT as applicable

UAE Tax Registration Number 100239834300003



Courses in Hands-on Automation and Process Control

Dates	Course Name	Language	Location	Fees
8 - 12 Sep, 2019	SIMATIC S7 PLC Programming—Advanced Level based on S7-300/ 400	English	Dubai	US\$ 3900
15 - 19 Sep, 2019	Industrial Profibus & Profinet Courses	English	Dubai	US\$ 3900
22 - 26 Sep, 2019	Human Machine Interface based on SIMATIC WinCC TIA	English	Dubai	US\$ 3900
6 - 10 Oct, 2019	Human Machine Interface based on SIMATIC WinCC flexible	English	Dubai	US\$ 3900
20 - 24 Oct, 2019	Industrial Weighing Course	English	Dubai	US\$ 3900
27 - 31 Oct, 2019	SIMATIC S7 PLC Programming—Basic Level based on S7-1500	English	Dubai	US\$ 3900
17 - 21 Nov, 2019	SIMATIC S7 PLC Programming—Advanced Level based on S7-1500	English	Dubai	US\$ 3900
24 - 28 Nov, 2019	SIMATIC S7 PLC Programming—Basic Level based on S7-300/400	English	Dubai	US\$ 3900
19 - 23 Jan, 2020	SIMATIC S7 PLC Programming—Basic Level based on S7-1500	English	Dubai	US\$ 3900
26 - 30 Jan, 2020	SIMATIC S7 PLC Programming—Advanced Level based on S7-1500	English	Dubai	US\$ 3900
2 - 6 Feb, 2020	Human Machine Interface based on SIMATIC WinCC TIA	English	Dubai	US\$ 3900
9 - 13 Feb, 2020	SIMATIC S7 PLC Programming—Basic Level based on S7-300/400	English	Dubai	US\$ 3900
16 - 20 Feb, 2020	SIMATIC S7 PLC Programming—Advanced Level based on S7-300/ 400	English	Dubai	US\$ 3900
23 - 27 Feb, 2020	Human Machine Interface based on SIMATIC WinCC flexible	English	Dubai	US\$ 3900
22 - 26 Mar, 2020	Designing and commissioning Variable Speed Drives	English	Dubai	US\$ 3900
7 - 11 Jun, 2020	Industrial Profibus & Profinet Courses	English	Dubai	US\$ 3900
5 - 9 Jul, 2020	Designing and commissioning Variable Speed Drives	English	Dubai	US\$ 3900
9 - 13 Aug, 2020	Industrial Weighing Course	English	Dubai	US\$ 3900
6 - 10 Sep, 2020	SIMATIC S7 PLC Programming—Basic Level based on S7-1500	English	Dubai	US\$ 3900
13 - 17 Sep, 2020	SIMATIC S7 PLC Programming—Advanced Level based on S7-1500	English	Dubai	US\$ 3900
4 - 8 Oct, 2020	Human Machine Interface based on SIMATIC WinCC TIA	English	Dubai	US\$ 3900
8 - 12 Nov, 2020	SIMATIC S7 PLC Programming—Basic Level based on S7-300/400	English	Dubai	US\$ 3900



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15 - 19 Nov, 2020	SIMATIC S7 PLC Programming—Advanced Level based on S7-300/ 400	English	Dubai	US\$ 3900
22 - 25 Nov, 2020	Human Machine Interface based on SIMATIC WinCC flexible	English	Dubai	US\$ 3900



Meirc Timeline

