



Human Machine Interface based on SIMATIC WinCC TIA



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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 HMI Panels and software based on WinCC TIA.

Course Methodology

The course is hands on with great emphasis on the practical aspects of HMI systems. The course is based around Siemens SIMATIC Panels and WinCC TIA.

Course Objectives

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

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

- Efficiently and reliably operate SIMATIC WinCC based on the "TIA Portal" engineering platform
- Understand and edit SIMATIC WinCC projects for machine-level applications
- Optimally create graphic images
- Implement archiving concepts for alarms and values
- Access specific values from the SIMATIC S7 and display and further process them in the operator control and monitoring system (HMI)

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

- Quick Revision on Basic Course
- System overview TIA Portal, SIMATIC WinCC (machine-level)
- Creating a SIMATIC WinCC project
- Configuration of connection to the SIMATIC S7 automation system
- Basics of graphic image creation for operator control and monitoring
- User administration
- Alarm display, alarm logging, alarm configuration
- Tag logging, trend configuration, trend display
- Recipes
- Use of various HMI stations
- Deeper understanding of contents through practical exercises on TIA system model



Location & Date

22 - 26 Sep, 2019	English	Dubai	Meirc Offices Dubai
2 - 6 Feb, 2020	English	Dubai	To be assigned
4 - 8 Oct, 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
6 - 10 Oct, 2019	Human Machine Interface based on SIMATIC WinCC flexible	English	Dubai	US\$ 3900
13 - 17 Oct, 2019	SCADA Systems based on SIMATIC WinCC Professional	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
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
1 - 5 Mar, 2020	SCADA Systems based on SIMATIC WinCC Professional	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
8 - 12 Nov, 2020	SIMATIC S7 PLC Programming—Basic Level based on S7-300/400	English	Dubai	US\$ 3900
15 - 19 Nov, 2020	SIMATIC S7 PLC Programming—Advanced Level based on S7-300/ 400	English	Dubai	US\$ 3900



Courses in Hands-on Automation and Process Control

Dates	Course Name	Language	Location	Fees
22 - 25 Nov, 2020	Human Machine Interface based on SIMATIC WinCC flexible	English	Dubai	US\$ 3900

Meirc Timeline

2018

Meirc celebrates its 60th anniversary

2015

Meirc relocates to its newly acquired HQ office in Bay Square, Business Bay, Dubai

2014

Meirc adds PLUS Specialty Training, a new division providing technical and industry-specific courses

2007

Meirc opens an office in Jeddah, Saudi Arabia

2004

Meirc opens an office in Abu Dhabi, UAE

1997

Meirc is the 1st training company in the region to have its own website

1991

Meirc becomes headquartered in Dubai, UAE

1988

Meirc celebrates its 30th anniversary with its advisory committee (Aramco, Bapco, KOC, QPC)

1967

Meirc builds its own office building in Beirut

1958

Meirc is founded in Beirut by the late Simon Siksek

