



Industrial Profibus & Profinet Courses



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Meirc
Training & Consulting



The Complete Engineering Solutions

Why Attend

The main aim of this course is to provide the participants with basic knowledge about Industrial Networking based on Profibus and Profinet.

Course Methodology

The course is hands on with great emphasis on the practical aspects of Industrial Networking based on Profibus and Profinet.

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 Industrial networking

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

- Design, parameterize and configure Profibus networks
- Design, parameterize and configure ProfiNet networks

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
- Infra Structure clients
- Electrical Power Stations

Note

Basic Knowledge of Automation Technology.

Course Outline

- Communication techniques used in automation engineering
- Technology of Profibus
- Transmission media for Profibus
- Profibus installation guidelines
- Configuration of a CPU as a Profibus dp master
- Profibus DP slaves
- Data communication with Profibus using s7 connections and FDL connections
- Introduction to Simatic net - industrial Ethernet
- Network components and Profinet installation guidelines
- Overview of industrial twisted pair networks
- Communications processors
- Connections, network components, transmission media
- Planning and installation of switched Ethernet networks



- Configuring of Profinet IO networks
- Structure, startup and diagnostics of a Profinet IO network
- MRP redundancy in Profinet networks
- Open discussion...



Location & Date

15 - 19 Sep, 2019	English	Dubai	Meirc Offices Dubai
7 - 11 Jun, 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
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
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
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
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
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	English	Dubai	US\$ 3900



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	based on S7-300/400			
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

