

SIEMENS TIA PORTAL WINCC HMI

COURSE SPECIFICATIONS

Course Code: TIA-WCCM

Course Length: 3 Days

PRE-REQUISITES

Successful completion of the TIA-PRO1 course.

COURSE OBJECTIVES

The Totally Integrated Automation Portal (TIA Portal) constitutes the work environment for integrated engineering with SIMATIC STEP 7 and SIMATIC WinCC. The course provides you with the knowledge to quickly and easily configure machine and plant-specific HMI tasks using the SIMATIC WinCC software based on the TIA Portal. You will learn to design graphic images. You will learn how to archive messages and values and to design and implement the corresponding archives. You can effectively use the engineering phase thanks to what you have learned about reliably operating the system.

The course contents are supported by numerous practical exercises on a plant model. This consists of a SIMATIC S7 automation system and various HMI stations.

LEARNING OUTLINE

1. System Overview TIA Portal, SIMATIC WinCC (machine-level)
2. Creating a SIMATIC WinCC Project
3. Configuration of Connection to the SIMATIC S7 Automation System
4. Basics of Graphic Image Creation for Operator Control and Monitoring
5. User Administration
6. Alarm Display, Alarm Logging, Alarm Configuration
7. Tag Logging, Trend Configuration, Trend Display
8. Recipes
9. Use of Various HMI Stations
10. Deeper Understanding of Contents Through Practical Exercises on TIA System Model

CERTIFICATION

Successful participants will receive an **international Siemens certificate**. Siemens LTD is accredited by **merSETA** to fulfil the functions as contemplated in SAQA regulation 13 for the standards and qualification as detailed in the statement of accreditation.

MERSETA TRAINING PROVIDER

Onetrust Training Solutions has received full accreditation as a **merSETA Training Provider**. (Certification number: 17-QA/ACC/2313/21.) We are in the process of extending our scope of accreditation for most of our individual training courses and skills programmes.

CONTACT DETAILS

Further enquiries may be directed to:

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