

SIEMENS ACTUATOR SENSOR-INTERFACE SYSTEM

COURSE SPECIFICATIONS

Course Code: IC-ASISYS

Course Length: 2 Days

TARGET AUDIENCE

Programmers, commissioning engineers, engineering personnel, maintenance personnel, and service personnel.

PRE-REQUISITES

SIMATIC S7 knowledge an advantage.

COURSE OBJECTIVES

This course provides you with system knowledge of the AS-Interface standardized networking system. It deals with the gateways to PROFIBUS and PROFINET and provides the necessary fundamental fieldbus knowledge. You will connect the AS-Interface components for ASIsafe (safety monitor, EMERGENCY STOP switch, position switches, etc.) to an AS-Interface network, and configure with help of Software Tool. These practical exercises will reinforce your theoretical knowledge. On completion of the course, you will be familiar with the functions of the system, and you will be able to plan, configure and start up the AS-Interface for your automation system.

LEARNING OUTLINE

1. Fundamentals of the Actuator-Sensor-Interface (AS-Interface)
2. Setup and configuring
3. Introduction to the system components
4. AS-Interface master
5. AS-Interface slaves, A/B technology
6. AS-Interface power sections, cables and accessories
7. Startup, test and diagnostics facilities
8. Addressing device
9. PROFIBUS-DP/AS-Interface (DP/AS-I Link Advanced) gateways
10. Safety at work
11. Practical exercises

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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