

SIEMENS SIMATIC S7 PROFIBUS

COURSE SPECIFICATIONS

Course Code: ST-PROFIBU

Course Length: 5 Days

PRE-REQUISITES

Completion of either the ST-PRO2 or ST-SERV2 courses.

COURSE OBJECTIVES

The course teaches the essential theoretical fundamentals of PROFIBUS protocols and services. You will learn how to use the tools for startup, service, testing and diagnostics. Learn the different methods of setting up PROFIBUS networks (RS 485 network components, fibre optics) from Siemens. You will reinforce your theoretical knowledge with numerous practical exercises on SIMATIC S7 devices with HMI components.

On completion of this practice-oriented course, you will be able to install and optimize a PROFIBUS DP network, and you will learn step-by-step how you can limit and correct faults quickly.

LEARNING OUTLINE

1. PROFIBUS Fundamentals in Accordance with EN50170/IEC 61158
2. Overview of PROFIBUS Devices and Network Components
3. Connectors, Tools, Laying
4. Measurements with the BT200
5. PROFIBUS Diagnostics
6. Connecting an HMI Device to PROFIBUS
7. Troubleshooting

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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