

SIEMENS SIMATIC S7 SERVICE & MAINTENANCE – PART 2

COURSE SPECIFICATIONS

Course Code: ST-7SERV2

Course Length: 5 Days

PRE-REQUISITES

Successful completion of the ST-7SERV1 Course.

COURSE OBJECTIVES

This course provides the fault-finding techniques required for maintenance and in-depth exercises with standard libraries. For those who are interested in OB's and Data handling. Documentation, networking & analogues as well as sequence control.

LEARNING OUTLINE

1. Hardware Commissioning
2. Memory Reset
3. Variable Tables
4. Modifying Output in STOP State
5. STEP7 Project Structure
6. Cyclic Program Execution
7. Data Storage in Data Blocks
8. Complex Data Types
9. Functions and Function Blocks
10. Multi Instance Model
11. Troubleshooting
12. B, I, L Stack Handling
13. Cross Reference
14. Break Points in a Program
15. Organization Blocks
16. Analog Processing
17. Documentation and Printing
18. Archiving a Project
19. Communication via MPI with GD Table and NETPRO
20. Totally Integrated Automation, Discussion & Examples of Programming Methods

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:

ONETRUST TRAINING SOLUTIONS (PTY) LTD

Vanderbijlpark | South Africa

Tel: +27 16 982 1651

Cell: +27 83 565 0915

Email: admin@otts.co.za