

SIEMENS INTRODUCTION TO PLC (INCLUDING LOGO!)

COURSE SPECIFICATIONS

Course Code: ST-PLCINTRO

Course Length: 5 Days

PRE-REQUISITES

Delegates must be PC and Windows Literate. General technical competence would assist accelerated learning.

COURSE OBJECTIVES

This course is directed at users and maintenance personnel of SIMATIC S7 programmable controllers. This is a beginner's course and must be done before any other PLC course and is not for people with prior PLC knowledge and programming.

The training aim of this course is to teach the basic instructions of a PLC with a strong element of practical, hands-on simulation of industrial related circuits. The course is paced to suit all learners.

LEARNING OUTLINE

1. Introduction
2. PLC Control Principles
3. Basic PLC Instructions
4. Wiring Instructions
5. Input/Output
6. Open and Closed Contacts
7. Series Connections – AND Function
8. OR Functions
9. Timers
10. Counters
11. Internal Relays and Functions
12. Basic Ladder Diagram Design
13. Sequential Interlock Programming

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