

Introduction to PLC & LOGO/Adv. (ST-PLCINT.)

Short Description

Introduction to PLC & LOGO / Adv.

Objectives

The aim of this Course is to teach the basic instructions of a PLC and practical simulation of industrial related circuits.

Content

Number processing
PLC control principles
Basic PLC instructions:
Series/AND, Parallel/OR, Inputs, Outputs
Timers
Counters
Using Inputs (open and closed contacts), Outputs, internal relays
Analogues
Programming language: FBD (Function Block Diagram)
LAD (Ladder – electrical circuit diagram)
Practical tasks
Exercise solutions

Prerequisites

Computer literacy
Computer with stable fast internet access
Installed LOGO! Demo software (Link will be provided for free software download)
Microsoft® Teams™
Web camera and microphone
Digital electronics knowledge would be an advantage

Note

LOGO! Demo software link:
<https://new.siemens.com/global/en/products/automation/systems/industrial/plc/logo/logo-software.html>
Demosoftware:

Type

Online-Training

Duration

5 days

Language

en

Fee

16,083 ZAR