

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

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### Short Description

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Introduction to PLC & LOGO / Adv.

### Objectives

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

### Content

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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

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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

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

### Type

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Online-Training

### Duration

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5 days

### Language

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en

### Fee

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13,538 ZAR