

[Siemens Logo](#)

Downloaded on Saturday 19th May 2012

<b>Software</b>	Siemens Logo
<b>Duration</b>	2 Days
<b>PLC-Type</b>	Siemens Logo
<b>Pre-Requisites</b>	None, this is a beginners course
<b>Maximum Delegates</b>	6

### Brief Description

- \* Be able to recognise and install hardware and be able to replace modules when a fault occurs.
- \* Be able to operate the Logo software to make it perform certain tasks.
- \* Understand basic Logo instruction set and be able to make minor modifications to software.
- \* Be able to backup and restore a Logo program when required.
- \* Be able to perform basic system diagnostics when a problem occurs.
- \* Interface with the LOGO TD EXTRA TOPICS can be added to basic course, Analogs, ASi networking, Ethernet Comms

### Course Documentation

- \* Siemens LOGO Manual

### Course Content

HOW DO I DO THE FOLLOWING? (some straight forward some not so)

- \* Establish a link to the Logo
- \* If comms problem check the interface
- \* Create a blank project and take a backup (just in case I mess up)
- \* Open project for LOGO
- \* Change modules if necessary, (with spares and without spares)
- \* Hardware Configuration
- \* Clear Memory and Download program
- \* Check software against latest copy (Compare function)
- \* Simulating code
- \* Online Monitoring program
- \* Searching for specific operands and instructions
- \* Changing timer, counter values via Logo screen
- \* Displaying messages on the LOGO screen
- \* Documentation (Symbols, Comments)
- \* Printing Cross Reference / Program Listings etc.
- \* Displaying Error and opertaor messages Background information also covered

Understanding of the following:

- \* FBD and Ladder programming
- \* Inputs (I), Outputs (Q), Flags (M)

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- \* AND, OR, XOR, NAND, NOT functions
- \* Interconnecting functions
- \* Documenting program
- \* Basic Instructions, contacts, coils, Set, reset etc.
- \* Timers, Counters
- \* Pulse generators
- \* Error / Info Window
- \* linking to LOGO TD display
- \* Fault finding tips

## Equipment

- \* Siemens Logo
- \* PC or Laptop
- \* Simulator

*Solutions, Not Courses.*