TIA PORTAL SOFTWARE COURSE

This 2 day course has been designed to re-train Engineers already familiar with Siemens S7 and Simatic Manager in the Simatic TIA Portal programming software.

The course will show students how to develop a PLC project and understanding what factors to consider when designing and developing a project.

COURSE CONTENT

- ✔ Scope of the Simatic TIA Portal Software.
- ✔ Creating a PLC project.
- ✔ Configuration of the PLC hardware.
- ✔ Program structure.
- ✔ Creating a blocks and entering ladder diagram.
- ✔ Editing Function block diagram and STL.
- ✔ Program documentation and cross referencing.
- ✔ Creating data blocks.
- ✔ Creating communications to the PLC.
- ✔ Downloading the PLC to the PLC.
- ✔ Monitoring tables
- ✔ View faults.
- ✔ Creating a Wincc Flex project.
- ✔ Creating HMI tags.
- ✔ Configuring communication between the HMI and PLC.
- ✔ Creating HMI pictures.
- ✔ Downloading to the HMI.
- ✔ Creating HMI alarms and Displaying the Alarms.
- ✔ Text Lists.

Course Reference
TIA Portal Software

Course Duration
2 Days

Documentation
Siemens TIA Portal
Software Training Manual.

DOWNLOAD SYLLABUS ➜

Siemens S7 PLC Courses