

SIEMENS S7 COMMUNICATIONS

Siemens S7 Communications Course

The course has been designed to familiarise students with many different communication options, when using S7 controllers.

Each communication option will be explained and demonstrated, then a total network will then be created by the student.

The student will be able investigate the program and hardware for fault finding.

The student must have attended a Siemens S7 Level 1 and 2 course or Higher or have previous S7 experience.

Objectives

To introduce students to the concepts and operation Siemens S7 Communications options, including the following areas:

- ✓ Structuring programs of the S7 program
- ✓ Profibus communications
- ✓ Ethernet Communications
- ✓ Fault finding
- ✓ Interbus using S7
- ✓ ASI
- ✓ Communications to Variabe Speed drives
- ✓ Communication to other PLC's
- ✓ HMI networks

COURSE CONTENT

- ✓ Program Structure for communications.
- ✓ Configuration of Profibus for:
 - I/O networks
 - PLC to PLC S7 300/400
 - PLC to Drives
 - S7 to other manufactures PLC
- ✓ Ethernet communications for:
 - PLC to PLC S7 300/400
 - PLC to HMI
- ✓ ASI I/O communications
- ✓ S7 Interbus communications to I/O and Drives
- ✓ Student project

Course Reference
Siemens Communications Course

Course Duration
3 Days

Documentation
Siemens S7 Communications Manual.

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