

# PROGRAMMABLE LOGIC CONTROLLERS

# PLC

## OVERVIEW

We have an extensive range of PLC training courses available covering all PLC manufacturers and levels of expertise from the complete novice to the advanced. ALL of our training courses can be tailored to your own requirements.

ALL our courses will be based on the relevant software and hardware. We aim to make ALL our courses as practical as possible, leading to 'real world' skills and not just theoretical skills.

- **Allen Bradley PLC 3 & 5 Training (AB6200 Software RSLogix 5) / SLC (RSLogix 500) / ControlLogix (RS Logix5000) / MicroLogix**
- **S7-200 PLC Training (Step 7 Micro) / S7-300 PLC Training (Step 7)**
- **Omron PLC Training (Syswin)**
- **Modicon PLC Training (ProWorx and Others)**
- **Mitsubishi PLC Training (Medoc, GX Developer, GPP & Others)**
- **Telemecanique PLC Training**
- **Most other PLC Manufacturers training undertaken.**

We also cover a wide range of SCADA Systems to enable engineers to modify and add to existing screens, fault find through systems, set up communications etc.

## Level 3 Certification

Level 3 National Certification can be included with any PLC Course by enhancing the introductory week (PLC01) with a second week of the study and undertaking assessments. Students who have previously studied on our introductory 5 day PLC course now have the option of returning to undertake a second week of tuition / assessment to gain certification.

To achieve unit certification, candidates must be able to:

- **Demonstrate an Understanding of the Internal Architecture of PLCs, their Applications and Knowledge of the Number Systems they use.**
- **Demonstrate an Understanding of Typical Input and Output Devices used with PLCs, their Selection and how they are Interfaced to the PLC.**
- **Investigate and Display an Understanding of the Basic Programming Techniques used with PLCs.**
- **Produce a Correctly Developed Program for a PLC to Control a Specified Process and Document the Completed Program to a Satisfactory Standard.**
- **Demonstrate an Understanding of How to Monitor PLC Operation, Force Devices and Fault Find PLC Controlled Processes.**

**COST: £175 (+ VAT) Per Day**

**GROUP RATE: £850 (+VAT)**

**PREREQUISITE: Various**

**DURATION: 3 - 10 Days (for Level 3 Certification Minimum 10 Days)**

**BOOKINGS: Telephone 01246 810444 or Email [enquiries@techniquetraining.co.uk](mailto:enquiries@techniquetraining.co.uk)**