Partners With Industry

PLC Programming

COURSE OUTLINE

PLC Programming

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Course Content

Being able to produce the Code to Control Machines

Being able to PLC program is an import ability when carrying out PLC Fault Finding or modifying existing programs to cater for a new machine requirements. When developing new PLC control systems in many cases it is better for your own staff to learn how to program rather than use a third party programmer who doesn`t understand the process or machinery.

- Setting up communications with PLCs via a network
- Writing programs using ladder logic
- Carrying out input and outputs checks
- Using Memory Bits
- Creating simple programs for machine control
- Using timers and counters in PLC programs
- Creating programs using different data types
- Creating programs using mathematical functions and comparators
- Creating function blocks
- Creating data blocks

Introduction to Automation & Controls

About Us

We Are a Skills Based Company

We back up our Services & Training with **Genuine Real World Industrial Skills Experience.**

Ongoing Support

We don`t just finish with Training, we offer ongoing support to help you get the best Value and Return from your investment and Implement your training in the **Real World**

Flexible Training

Our Practical, Real World Training adapts to your requirements and is On-Site, On-Shift at Any Time to improve the knowledge of your team to Increase Production and become More Efficient

Partners With Industry is a registered Community Interest Company

Being a Community Interest Company by using our products and services you will also be supporting your local community since we are committed to provide the link between communities and industry, with the primary aim to enable people from the community regardless of their background to access the opportunity to learn the skills required for the modern workplace which are normally impossible to achieve including:

- Community Based Training will increase the skills in the community of individuals who have difficulties gaining employment. Through training we will be able to increase people's confidence, self-esteem and employment prospects. This will bring people closer to the job market and will address issues of unemployment, improving the economic wellbeing and resilience of communities.
- Our Community Skills Projects are focused in any area of the UK where a skills need has been identified which can help people in that community get into employment. Focused at the increasingly dominant Automated Industry, some sectors within the UK are struggling to create jobs in today's turbulent climate, many engineering companies are still finding it difficult to find suitable people to fill positions, therefore we have chosen the community skills projects **AutomationSTART**.