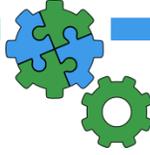


Partners With Industry



PLC Programming Advanced

COURSE OUTLINE

Course Content

Taking Total Control Over the Performance of a Machine

Advanced knowledge of PLC programming is ideal for Engineers who want to get the most out of their machines and those who need to create their own programs for a specific application. The course covers Analogue Control which is important for Engineers who work in a Process Control Environment

- Setting up PLC controllers and networking other devices
- Programming HMI and creating own screens
- Setting up Inverter Drives/Motors for PLC control
- Programming PLC's for controlling Inverter Drives
- Creating analogue control programs for process control
- Writing script based programs using SCL for advanced mathematics
- Advanced programming for process control including creating PID, scaling and calibration program blocks for Process Control
- Creating and programming a SCADA system
- Using UDT's and Arrays



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.**

