

13.10.2025 - 06.11.2025

iQ-R PLC Introductory Training (Online/Classroom Model)

Address / Contact: Classroom Location = Hatfield

Content	This blended course features a learning assessment to be completed by the end of the 3 week online learning experience with the results passed to the classroom trainer, ahead of the 1 day classroom. Overall timeline: 3 Week online learning (self-paced) & 1 Day Classroom (6.11.25)
Description	This introductory training course is part of a learning pathway designed to equip you with the knowledge and skills to successfully work the iQ-R range of programmable logic controllers or PLC's. It provides comprehensive training designed to equip participants with the skills necessary to select appropriate PLC hardware and develop reliable programs for simple applications. The course blends knowledge transfer, delivered across 8 online learning modules and classroom practicals to examines various program design techniques and demonstrates the creation of sequences through alternative methodologies. This is a new learning experience offer at as part of the curriculum in terms of the mode and model of delivery. It emphasizes best programming practices to identify and mitigate common errors, ensuring that the resulting programs are robust and easy to comprehend. Furthermore, the course addresses the configuration of PLC parameters to guarantee that projects created in the GX Works programming tool, encompass all critical elements. This course uses the Simple or Ladder mode of program creation.
Course target	By the end of the course, delegates should be competent in the following disciplines and demonstrate skills including: • Selecting suitable hardware and building up a PLC • Choosing the best approach for creating a program for a simple application • Designing a program to respond to inputs and correctly control outputs • Testing a program in a PLC and making edits. • Configuring settings in the PLC.
Target group	This is a new course offering and as such as been priced to offer delegates with an interest in learning in their own time and pace the opportunity to undertake a new model of delivery. This professional development experience has been designed for those individuals with a Beginner level of knowledge and experience of iQ-R PLCs and programming and who want to progress to an introductory, intermediate or advanced level.
Agenda	Over a 2 week online and 1 day classroom period delegates will cover the following modules and topics: • Hardware Selection • Module placement and addressing • Setting up GX Works • Creating programs for simple applications

	• Basic program elements • Designing a sequence using timers • Programming pitfalls • Creating and testing a program • Alternative solutions • Editing a program offline • PLC configuration and parameters • Program descriptive devices
Duration	20 days
Products and software	Software, PLC
Article number	743352
Participant fee	500.00 GBP