28.07.2026 - 29.07.2026

iQ-F PLC Advanced (Simple Mode)

Address / Contact: Travellers Lane, Hatfield, Hertfordshire, AL10 8XB

Description	This advanced training course is part of a learning pathway designed to equip you with the knowledge and skills to successfully work the iQ-F range of programmable logic controllers or PLC's. This course provides comprehensive training aimed at enabling participants to maximize the potential of the Programmable Logic Controller (PLC) through the effective use of its built-in features, including Analogue Channels, along with the integration of additional modules. Participants will explore advanced techniques utilizing GX Works and the PLC's functionalities to optimize program development, ensuring a well-defined structure and workflow. It is recommended that participants complete the Intermediate course prior to enrollment in this advanced program. A foundational understanding of industrial control systems will also be advantageous. The curriculum includes hands-on practical experience with a specialized iQ-F PLC rig and GX Works, facilitating practical learning in a classroom environment. This course uses the Simple 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 and configuring Intelligent Function Modules • Configuring built-in Analogue Channels and High Speed Inputs • Setting up Labels including Structured Data Types • Using Arrays and/or Indexes for storing and retrieving data • Preventing unauthorised access to the program and/or PLC • Optimising the memory areas in the CPU • Using Program Execution Types to create a well-structured program • Data and number manipulation
Target group	This professional development experience has been designed for those individuals with an Intermediate level of knowledge and experience of iQ-F PLCs and programming and who want to develop to Advanced level.
Agenda	Over a 2 day period delegates will cover the following modules and topics: • Intelligent module selection and configuration • Built-in analogue channels • High speed inputs • Module labels • Program labels and structured data types • Arrays and indexing • Controlling access • Memory management

	• Program execution types • Data manipulation • Numerical value manipulation
Duration	2 Days
Products and software	PLC, Software
Article number	743364
Participant fee	1200.00 GBP