

Providing the skills needed to maintain and operate your systems.

- This course is designed to give the student the ability to utilise the PLC'S full functionality.
- It provides the skills needed to use the PLC to communicate with other devices.
- Students will learn advanced logic programming.
- Upload and download to the PLC across a network.

## Advanced Q PLC Training

### 2 Day course

#### Course structure

#### Introduction

**PLC number systems**  
**Data registers**

#### Functions

**Ladder based functions**  
**Data manipulation**  
**Communication instructions**

#### Setup

**PLC configuration**  
**Module settings**

#### Connections

**Software**  
**Networking**  
**Remote I/O**

#### Programming

**Master Control**  
**Sub routines**  
**Analogue / Digital conversion**

#### Underpinning knowledge

**Students must have prior experience of PLC programming, or have attended a foundation course**

#### PLC Type:

**This course is structured around the Mitsubishi Q range of PLC's. And the programming software GX developer.**

#### Contact us

**Horizon Integration**  
**Unit 19**  
**White Hays South**  
**West Wilts Trading Estate**  
**BA13 4JT**  
**Tel: 01373 827599**  
**Email: [info@horizonintegration.co.uk](mailto:info@horizonintegration.co.uk)**  
**Web: [www.horizonintegration.co.uk](http://www.horizonintegration.co.uk)**

