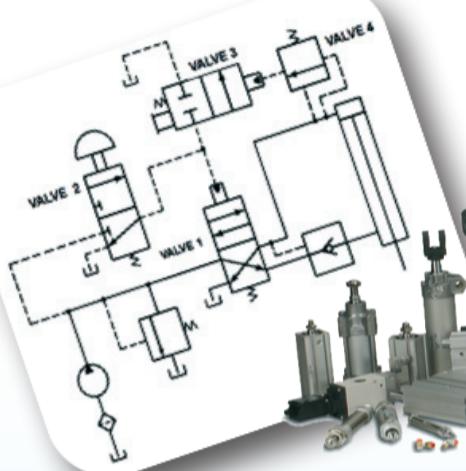


Pneumatics Training Course

Technical Training



By attending this 2-day Training Course:

Your organisation will begin to save money significantly beyond the cost of this course as the course aim is to maximise production time by minimising downtime. For too many years we have witnessed cases whereby a basic lack of understanding of the principles of Industrial Pneumatics has led to significant losses of production – which in turn affects your organisation's bottom line!

Furthermore, attempting to repair a minor pneumatic problem without understanding the basic principles may lead to a major failure of your machinery or process, resulting in the machine or process going down hard. This, of course, compounds your problems by giving your organisation the additional headache of excessive product wastage, an expensive repair bill and lost production time.

Course Overview:

- Principals of Fluid Power Systems
- Comparing Pneumatics & Hydraulics
- Safety when using Pneumatics
- Converting common Pressure Units
- Gauge & Absolute Pressure
- Understanding ISO 1219-1, 1219-2
- Pneumatic Circuit Drawing 2/2, 3/2 & 5/2 DCV's
- Circuit Design & Build – 6 sessions
- Compressed Air Production
- Compressed Air Distribution
- The Importance of the Service Unit
- Service Unit Auxiliary Equipment
- Rebuild a Pneumatic Cylinder
- Actuator Types & Designs
 - Linear
 - Semi-Rotary
 - Rotary
- Vacuum Generating Techniques
- Methods for Controlling:
 - Speed
 - Force
 - Direction
- Dwell Control N/O & N/C
- Logic Principles & Logic Control
- Low-Level Pneumatics
- Hydro-Pneumatics
- Q&A Session

This course is intended for:

- Maintenance Personnel
- Production/Engineering Supervisors
- Production/Process Personnel
- Technical Trainers
- Technical Sales Personnel

Up to

45%
Funding

may be available to you, contact
Sue at Next Level Skillnet
sue@nextlevel.ie
Subject to strict T&C's being met

What others are saying:

"The course covered everything in Pneumatics and even touched into Hydraulics. It made me aware of the alternative sensors and valves etc. It is going to be a big advantage for fault finding and making improvements on our existing installations."

Michael Tuohy.
michaeltuohy@veolia.com

Included with your Course:

- 2 days of intensive expert tuition
- Use of all practical labs
- Detailed course work-book
- Valuable USB Resources
- Full Lunch and Refreshments



Only **€950**
BOOK NOW

Okay... How do I sign up?
Email: michael@oni.ie

March 10th & 11th 2026

Location:

**Radisson Hotel,
Ennis Rd, Limerick
V94 YA2R**

Start Time: **8:30am Each Day**



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