

Introduction to Pneumatics

Ofsted Outstanding Provider

Subject Type: Construction & Engineering

Course Overview:

Delve into the world of Pneumatics and Automation with this 10-week short course for adult learners. Develop your knowledge using Festo pneumatic training rigs and Festo Fluid SIM software to gain the foundations to learn about compressed air, associated forces, pneumatic logic and fault finding.

This course will run one evening per week at our Institute of Technology Centre, Castle Street, Stafford.

What's Covered:

The Introduction to Pneumatics & Automation Course aims to support learners who have an interest in this subject and wish to pursue a career in engineering and robotics.

The course is also applicable to learners who have had a break in their education and who need to recap prior knowledge/develop study skills before embarking on a higher education course.

Learners may have completed a previous Engineering qualification and wish to progress onto higher-level qualifications, or to gain insight into the world of Industrial Robotics prior to making crucial career decisions.

This course is also applicable to learners who have had a break in their education and who need to recap prior knowledge/develop study skills before embarking on a higher education course.

Entry Requirements:

For entry onto this qualification learners must have a keen interest in Pneumatics (Automation). It would be beneficial to have an understanding of Industrial Robotics/Electrical engineering, but not essential.

Assessment Information:

This is a competency based course will all learners receiving a college certificate upon completion.

Progression:

This course could help support upskilling within your current role, which can then be used to progress into more senior/complex job roles or to help support a career change.

This course could also help support learners gaining employment in the industry of Advanced Manufacturing or to progress onto further study/higher education.

How do I find out more?

To find out more about this course please get in touch by emailing info@sotsiot.ac.uk.