

Working in the Engineering industry has always been a highly skilled and demanding occupation. Keeping your staff trained and up-to-date with the latest techniques and qualifications is a challenge all employers face.

Whatever your requirements South Tyneside College is able to offer a range of engineering qualifications to suit your needs. Whether your staff are new to the industry or have worked in it for years, our range of nationally recognised qualifications help you get your business to where you want it to be.

## Engineering Courses



### **NVQ Level 2 Distribution, Warehousing and Storage Operation**

The flexible delivery of this qualification means that it can be delivered on your premises at a time to suit you and your employees.

Typically the qualification requires approximately 15 hours contact time with the deliverer and appointed assessor. Students have three assessment sessions and must compile a portfolio of evidence to demonstrate competence.

The qualification consists of three mandatory assessments covering:

- Maintaining a Safe and Healthy Workplace
- Keeping the Workplace Secure
- Work Effectively in Own Organisation

Students are also required to complete five optional assessment routes from the following groups:

- Stock Storage and Order Processing (9 options)
- Promoting Products to

- Customers (3 options)
- Organisational Effectiveness (4 options)



### **NVQ Level 2 Performing Manufacturing Operations**

The flexible delivery of this qualification means that it can be delivered on your premises at a time to suit you and your employees.

Typically the qualification requires approximately 15 hours contact time with the deliverer and appointed assessor. Students have three assessment sessions and must compile a portfolio of evidence to demonstrate competence.

The qualification consists of one mandatory assessment:

- Complying with Statutory Regulations and Organisational Safety Regulations

Students are also required to complete one assessment from:

- Promoting effective Working Relationships

- Contributing to Effective Team Working

In addition to these units students must complete three from nine supporting the operation assessments, together with one job specific assessment.



South Tyneside College

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## **NVQ Level 2 Performing Engineering Operations (Electrical Wiring)**

This course is designed for people wishing to obtain an understanding of electrical wiring and electronics. This course is also suitable for those wishing to obtain a recognised vocational qualification in this area.

The course is based on a practical approach with extensive practice in planning, constructing, inspecting and testing electrical and electronic systems.

Study of and practice in electrical safety is included in the course.

The qualification structure has three mandatory units covering safety, personal development and communications and 3 units covering Wiring & Testing, Installing Wiring Supports Systems and Erecting / Dismantling Access Structures.

Assessment is by building up a portfolio through a series of practical assessments.



## **NVQ Level 2 Performing Engineering Operations (Pipefitting and Welding)**

This is a practical course which develops engineering skills throughout workshop practice. The course consists of six units of competence covering:

- Complying with statutory regulations & organisational requirements
- Developing yourself and working with others on Engineering Activities
- Using and communicating technical information
- Using engineering materials
- Pipe work Engineering
- Welding Engineering

Candidates are also required to study Key Skills Level 2: Communication, Application of Number, IT, WWO and IOL.



## **NVQ Level 2 Business Improvement Techniques**

The primary objective of the qualification is to improve business performance as a whole. Companies no longer dictate the type, quantity and cost of their products, this is now becoming the role of the customer who is now demanding responsive delivery, consistent quality, good customer service and most of all a competitive price.

Candidates undertake three full days of underpinning knowledge to give tools and techniques necessary to identify waste or other problems; where the root causes lie and how to implement effective sustainable counter-measures which will improve quality, cost and/or delivery. Running alongside these improvements will also be Work-Place Organisation.

The qualification consists of 6 units, which cover:

- Complying with Statutory Regulations and Organisational Safety Requirements
- Contributing to Effective Team Working
- Applying Workplace Organisation
- Applying Continuous Improvement Techniques (Kaizen)
- Creating Visual Management Systems
- Applying Problem Solving Techniques