

# **Engineering: Fabrication and Welding**

Forth Valley College

#### **Venues**

Falkirk Campus

#### Content

This advanced course provides students with a wide range of knowledge and skills required for fabrication, welding and inspection relevant to the mechanical, manufacture, process, oil and gas and alternative energy industries. The objective of the programme is to provide a broad understanding of fabrication, welding and Inspection technologies. In addition, it develops organisational skills, leadership and interpersonal skills.

#### Contents Include:

Welding Procedures: Specification Qualification and Testing; Fabrication Forming Processes; Welding Principles and Applications 1; Fabrication and Welding Materials; Quality Management: an Introduction; Communication: Practical Skills; Engineering Drawing; Computer Aided Draughting for Engineers; Welding Principles and applications 2; Inspection Systems; Fabrication: Preparation Joining and Assembly; Fabrication Welding and Inspection: Graded Unit 1.

#### **Start Date**

August

#### Qualification

HNC

### **Study Method**

Full time

### **Course Length**

1 year

#### Department

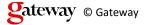
Engineering

#### **Entry Requirements**

Foundation Apprenticeship Engineering; or relevant national qualifications at SCQF Level 6.

## **SCQF Level**

7





## **SCQF Points**

«SCQFPoints»

## **Progression Routes**

On successful completion of this course students may progress onto a career in the fabrication, welding and inspection industry.

### **Combination Courses**

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## **Address**

Grangemouth Road Falkirk FK2 9AD

## Website

www.forthvalley.ac.uk

