

**Course Name: Diploma in Fabrication and Welding Engineering**

**Level: 2**

**Course Code: 1782-20**

**Accreditation No: 601/0077/1**

**Tutor: Adrian Butterworth**

### **About the course**

This level will suit you if you are working in engineering and have some knowledge and skills in the industry, usually from a role where you've been supervised. You will be able to demonstrate your competence in joining, welding, cutting or forming of materials.

The qualification allows learners to learn, develop and practise the skills required for employment and/or career progression in the fabrications and welding engineering sector.

For this qualification, candidates will be required to complete a portfolio of evidence for each unit. The evidence will be gained by completing a series of practical and classroom based tasks. The practical tasks are taught in our purpose equipped workshops. The classroom based tasks will either be hand written or done by using a computer.

### **Units for the qualification**

Unit 201: Complying with statutory regulations and organisational safety requirements

Unit 202: Using and interpreting engineering data and documentation

Unit 203: Working efficiently and effectively in engineering

Unit 204: Joining materials by the manual metal arc welding process

### **Entry Requirements**

You will need five GCSEs at Grade 4 or above, including English and Maths or a Level 2 Diploma or NVQ in a related field or equivalent at pass or higher.

Applicants over 19 years of age (on 1st September) will be considered on their individual academic and vocational experience to date.

### **Will there be homework set?**

Students are encouraged to practice between sessions but usually there is no formal homework set. If you happen to fall behind on your work, either homework will be given or extra lessons will be organised.

### **What about equipment, clothing and materials?**

Boiler suits, safety boots and safety glasses are provided but students can bring their own if they wish. Students are encouraged to come to class with a pen.

### **What careers can this lead to?**

By studying this NVQ it can lead to a variety of different jobs including:

Plater/Fabricator

Sheet Metal Worker

Steel Erector/Fabricator

Welder

### **Progression Opportunities:**

This qualification can lead to further associated studies in a variety of engineering related courses or employment in an engineering environment. Students who display an aptitude may be able to progress to the Level 3 qualification.