

## **SCHOOL FOR ENGINEERING**

### **LEVEL 1 CERTIFICATE IN FABRICATION & WELDING**

**Inc A.B.C Level 1 Certificate + C&G 3268 Introduction to Welding Level 1  
(15 Week Part Time Days)**

#### ***Is this the right course for me?***

This course is designed to provide an entry into the welding & fabrication industry giving opportunities for students not yet in employment to develop their knowledge and understanding, and gain practical welding skills as well as safety awareness. It includes some study of craft principals and is largely practical in nature, the elements of the course being designed to provide the training required to progress onto the next step being Level 2 award for a further 15 weeks.

#### ***What will I need to join the course?***

There are no entry requirements for this course; however you will undergo an assessment to determine if this is the correct level for you to study. You would be expected to gain your level 1 literacy and numeracy as part of this course. An aptitude for welding craft skills and the interest and ability to cope with the demands of the course is essential. Students will need to provide protective footwear and overalls, stationery and entry is subject to an interview.

#### ***What will I be doing?***

You will follow a work related program which will give you an understanding of the engineering principles and the practice skills required by the modern welder. You will be involved in classroom study, but mainly you will carry out workshop activities in MAGS and Oxy acetylene gas welding to demonstrate your practical abilities. You will be required to perform satisfactory welds using both these processes in the flat position to current British or European standards. You will learn how to identify and safely connect and check equipment as well as the safe working practices and Personal Protective Equipment required for the use and maintenance of welding equipment.

In addition you will maintain a portfolio of your activities for the following subjects to provide the appropriate evidence on the following units

- MAGS welding
- Engineering Drawing
- Sheet Metal

#### **And in preparation for the exams required for your ABC 165 award**

- Health and Safety in Fabrication and Welding
- MAGS welding (practical)
- MAGS welding (theory)
- 

#### **City & Guilds 3268 Level 1 Oxy acetylene gas welding**

- Five practical test pieces performed in a flat position
- Five oral questions on Health & Safety in the welding environment
- 10 oral questions on gas welding process equipment and techniques

***How long will the course last and what patterns of attendance are available?***

The course lasts for 15 week's part time, commencing in September for 5 hours per week. Tuition will comprise of practical workshops and supporting lessons.

***How will my progress on the course be assessed?***

Your knowledge will be assessed in a variety of ways including written assignments, multiply choice tests and short written exams.

The major part of assessment will be of your ability to perform the practical tasks which will be assessed through your performance in our extensive workshops.

***What will I achieve?***

If you complete the program successfully you will achieve the Level 1 certificate in Fabrication and Welding practice. With additional hours and work you could also achieve additional welding qualifications as well as a Certificate in Health and Safety at work.

**Functional Skills**

Through your studies you will be given the opportunity to improve and receive certification of your functional skills in Math's or Communication. In many cases you will also be able to achieve further qualifications All functional skills are nationally recognized qualifications to improve not only your employability skills but also assist your university application be attracting additional UCAS points, these are compulsory and will need to be completed if you wish to progress to the next level. This is a mandatory part of the course and is imperative that you achieve the key skills elements at the appropriate level to gain you full qualification.

***What will it cost?***

To be discussed at interview

Students under 19 do not pay tuition or exam fees.

Students claiming income-based benefits may receive a discount on tuition fees, but will be liable for full registration/examination fees.

***And the future?***

You will be well placed to begin a career in welding industries or continue your further education at Level 2.

***What should I do now?***

If you wish to be interviewed for a place on this course please complete an application form and return it to the **Reception or Student Services**.

If you have any queries please ring **Student Services** on freephone 0800 854 695 which is open from 10.00am to 4.00pm Monday to Friday.

*It is the policy of this College that everyone is entitled to equality of opportunity in education and training.*

*Please note that all the details on this fact sheet were correct at the time of printing and may be subject to change.*

If you would like this course information sheet in larger print or alternative format, e.g. Braille or audio tape, please contact Study Skills Support on (01502) 525191