

## SHORT COURSE DETAILS

S4D07561 WELDING AND JOINING IDEAS

Tutor: ANDREW SMITH

Dates: 4 DAYS SUNDAY 14 JANUARY – THURSDAY 18 JANUARY

## ABOUT YOUR COURSE

The course is intended to enable individuals to construct projects through various welding, joining and manipulation processes (ARC, MIG, weld preparation, thread cutting and tapping, forgework, hot wrapping, riveting, drill work, torch bending, abrasion).

Students will gain experience of these processes and will utilise them in a final piece of work. The option exists to concentrate on technique primarily throughout the course, creating a series of samples, while other students will be able to concentrate upon a single piece, using taught techniques as necessary.

If they wish students may bring ideas with them as maquettes or sketches, but this is not essential. Ideas will inevitably develop in relation to time and process.

Tools are provided for the course, and advice can be given by the tutor if students wish to purchase tools following the course. It is not necessary to buy tools for the course other than the items listed below.

### LEVEL: BEGINNERS

Starting points. For those with little or no experience who want to go back to basics and would like a structured introduction to a subject.

### ABOUT YOUR TUTOR:

Andrew Smith, an experienced artist, craftsman and tutor, trained at the Royal College of Art. He has a large portfolio of architectural commissions, from sculpture to functional metalwork.

### TIMETABLE:

#### Arrival day: Sunday 14 January

From 4.00pm	Arrival for residential students
6.45pm	Non-residential students please arrive by 6.45pm for welcome chat and dinner
7.00pm	Dinner
8.00pm – 9.00pm	First teaching session – <b>attendance is an essential part of the course.</b>

#### Other days: Monday 15 to Wednesday 17 January

9.15am	Morning classes start
10.30am	Coffee
11.00am	Morning classes continue until 12.30pm
12.45pm	Lunch (main house)
2.00pm	Afternoon classes
3.30pm	Tea
4.00pm	Afternoon classes continue
5.00pm	Classes finish
From 6.30pm	Dinner
8.00pm	Evening working – the forge is not open in the evening.

### **Departure day: Thursday 18 January**

(Residential students to vacate rooms by 10am)

9.15am	Morning classes start
10.30am	Coffee
11.00am	Morning classes continue until 12.30pm
12.45pm	Lunch (main house)
2.00pm	Afternoon classes
3.00pm	Classes finish
3.30pm	Tea then departure

### **MATERIALS FOR YOUR COURSE:**

We have a generously stocked craft shop, which opens daily from 8.30am–2pm.

For any materials you need to purchase from the shop, we suggest you do so during the first morning of your course, after having discussed with your tutor.

### **Materials included in the course fee:**

All fuel costs and mild steel stocked by the College.

### **Available from the Shop:**

Drawing equipment (ie. sketchbook, pencil, pencil sharpener, rubber)

### **Please bring any of the above, if you have them, and in addition:**

You will need clothing suitable for workshop use, together with sturdy flat leather shoes or work boots – with toe protection. Soft training shoes with synthetic fabric uppers do not offer enough protection.

Please note that cotton or wool clothing is preferable to nylon or other synthetics. A pair of cotton jeans is far more protective than a pair of nylon trousers.

### **PROTECTIVE CLOTHING SUPPLIED:**

Leather aprons, work gloves, safety spectacles and ear defenders are provided in the Forge, and suitable protective clothing **must** be worn.

You may wish to bring any of the above, if you have them. If for example you have particularly large or small hands, your own work gloves are likely to be a better fit.

### **HEALTH AND SAFETY:**

The tutor instructs students in health and safety issues relevant to this course. Please note that tutor supervision is required at all times when students work in the forge. The tutor's instruction on health and safety will include access to and use of the power hammer. All Personal Protection Equipment, apart from footwear, is provided by the College.

For your safety it is mandatory to wear steel toe capped safety boots when undertaking a course in the Forge. Students must provide their own footwear and bring them with them to wear on the course. If you fail to bring suitable footwear, you will not be able to take part in the course.

Safety boots can be purchased from most tool hire shops and builders merchants as well as online.  
[www.cromwell.co.uk](http://www.cromwell.co.uk) [www.bhinone.com](http://www.bhinone.com)