

BA (Hons) Artist Blacksmithing

Tools & Equipment List

Although the course will be supplying some general equipment you will need to provide a certain amount of tools and equipment for your own use. Here is a list of essential and optional items.

Essential: You will need to be in possession of these items from the first day of the course.

Personal Protective Equipment (PPE):

- Work boots - Steel toe-capped
- Overalls/warehouse coat (cotton/polyester)
(The wearing of these is compulsory in the welding and fabricating areas)
- Safety glasses (The wearing of these is compulsory at ALL times in the workshop area - NOT goggles, as these mist up and can be uncomfortable - goggles are only used for grinding.
Prescription lenses are acceptable if:
 - * They are of approved safety standard (consult your optician)
 - * They include side shields
- Ear defenders

Forging Equipment:

- 2lb cross pein hammer
- 2 pairs of tongs - 1 pair square bits (16-20mm), 1 pair 10mm open mouth tongs
- 1 wide brush - a butchers block brush is preferred as they last longer than ordinary wire brushes
- Rule 300mm minimum - brass rules are far better than steel, easier to read and don't discolour when in contact with hot metal. Avoid aluminium or rulers with divisions printed on them - they won't last.

Toolbox:

- Minimum length to fit your tongs will be 600mm. Make sure you can lock it for security. Ex army ammunition boxes make excellent toolboxes and much stronger than most other modern boxes.

Drawing Equipment:

- A1 Portfolio
- Pencils - a range
- Gouache/Watercolour paints
- Drawing Board A2
- Pastels - chalk and oil
- Charcoal and chalk
- Erasers
- Compass/Divider set (for Technical Drawing)
- 30°/60° set square
- 45°/45° set square
- Sketch books
- Hard back note pad (A5)
- Ruler

OPTIONAL EQUIPMENT

These items are not compulsory but you will find them useful:

- Set of files (flat, square, round)
- Welding Gauntlets
- Goggles
- Welding hat
- French curves
- 1 meter rule
- Camera - digital 300 pixel+

Please ensure you also bring '6' passport photographs of yourself (3 for college, 2 for student union and 1 for library)

TOOL SUPPLIERS

The following companies are the main suppliers of tools and equipment for blacksmithing:-

- VAUGHANS (HOPE WORKS)
Baker House
The Hayes
Lye
Nr Stourbridge
Tel: 01384 422291
Fax: 01384 893171
www.horseshoes.com
- GLENDALE FORGE
Monk Street
Thaxsted
Essex
Tel: 01371 830466
Fax: 01371 831419
www.isys.co.uk/glendale
- ROBERT R. GREEN
Fort End Ironworks
Haddenham
Buckinghamshire
HP17 8EJ
Tel: 01844 290330
Fax: 01844 290388
- BRUCE WILCOCK FORGING
The Smithy
Hillswick
Shetland
ZE2 9RW
Tel/Fax: 01806 503300
www.blacksmith.shetland.co.uk
- LAKESFORGE SUPPLIERS
17 Primrose Bank
Wigton
Cumbria
Tel: 01780 1582466
www.lakesforge.co.uk