



Practical Metal/wood.

Course Descriptor;

This course is practical. It combines Bench skills, measuring and marking out, fitting and assembly.

The Course allows learners to gain a range of practical skills, using a variety of tools, equipment and materials. It allows them to plan processes through to the completion of a finished product.

The aims of the Course are to enable learners to develop:

Skills in fabrication techniques. (Employability)

Skills in measuring out and marking solid sections and sheet materials. (Numeracy)

Safe working practices in workshop environments. (Health and Safety)

Practical problem-solving skills.

Knowledge / understanding of sustainability issues in a practical context.

This workshop based Course provides an opportunity for learners to develop generic and practical skills suited to a number of disciplines.



Practical Metalwork. Pathways

Who is this course for?

This course is a broad-based qualification, suitable for learners with an interest in practical subjects. It is largely learner-centred, includes practical and experiential learning opportunities and is suitable for those wanting to progress onto further levels of study or a related career.



Practical Metal/Wood Content

Bench skills

Candidates develop skills, knowledge and understanding in the use of hand tools, bench-fitting work, measuring and marking out, involving complex features. Candidates develop their ability to read and use drawings and diagrams depicting both familiar and unfamiliar tasks.

Machine processes

Candidates develop skills, knowledge and understanding in the use of workshop machines, equipment, related processes, materials, measuring and marking out, involving complex features.

Fabrication

Candidates develop skills, knowledge and understanding in fabrication, forming and joining of components with some complex features. Candidates develop skills in thermal joining techniques and in measuring and marking out.



Practical Metal/Wood: Assessment

The overall course assessment is now determined by completing the course assignment and the question paper.

- Question paper is a written exam.
- Course Assignment is a project.

Candidates also have to prove that they can work in a safe and responsible manner.



Entry requirements.

Must be able to work with others.

Must be able to work safely.

Must be able to follow instructions.