


PRACTICAL METALWORKING

This course is a challenging introduction to the basics of metalworking, and pupils will cover three units, and also complete a Final Project. The course covers a range of skills from developing handheld bench skills, to making use of a range of machinery and processes such as using the Machine Lathes and some basic welding skills too.

PRACTICAL METALWORKING	
REQUIREMENTS	You must have completed either Practical Craft Skills or Design and Manufacture in S3 to take Practical Metalworking at National 4 or 5. If you do not have these subjects from S3, you must seek permission from the Faculty PT.
ASSESSMENT	<p>This course does not have a final written exam, but does have a challenging Final Project upon which the final award is based.</p> <p>You must also complete three units in the following areas:</p> <ol style="list-style-type: none"> 1. <i>Bench Skills</i> 2. <i>Machine Processes</i> 3. <i>Fabrication and Thermal Joining</i>  <p>There is a project for each unit listed above, and you must finish it to within the tolerances listed below:</p> <p>National 4 + or – 3mm</p> <p>National 5 + or – 1mm</p>
PROGRESSION / NEXT STEPS	<p>This course allows pupils to go onto an apprenticeship or college. This course is not offered above National 5 level, but pupils may decide to study Practical Woodwork as an alternative. Pupils may wish to discuss relevant work experience/placements with Faculty staff and their Guidance Teacher.</p> <p>This is an excellent course for pupils who wish to pursue a career or further study in Engineering, Automotive Engineering, Blacksmith, Fabricator, Welder, Prop/Set Maker, and many more.</p> <p>See link for further careers information: Practical Metalworking</p>