S3 Practical Woodworking & Metalworking

# Course Rationale

# The Course is largely workshop-based, providing a broad introduction to practical

# woodworking. The Course is distinct in value in that it allows learners to develop practical

# psychomotor skills (manual dexterity and control) in a practical craftwork. It helps learners to develop safe working practices and to become proactive in matters of health and safety. It allows them to learn how to use a range of tools, equipment and materials safely and correctly.

# Course Content

# The Course is of broad educational benefit. It allows learners to develop skills in reading, drawings and diagrams, measuring and marking out, as well as cutting, shaping, joining/jointing and finishing materials. It allows them to learn how to work effectively alongside others in a shared workshop environment. The skills that learners acquire by successfully completing this Course will be valuable for learning, for life and for the world of work.

# Skills

# Areas of study are:

# Bench skills

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

# Machine processes

# Candidates develop skills, knowledge and understanding in the use of machines, portable equipment, related processes, materials, measuring and marking out.

# Course Assessment

# Progression

# Further levels of study, N4/N5 Practical Woodwork; N4/N5 Practical Metalwork (College/apprenticeship or a related career.

# Career Pathways

Construction/joinery; Engineering; Welding and Fabrication; Energy & Renewables.

For further and more detailed information see:

[**Practical Woodworking SWAY**](https://sway.office.com/ekaJurPHpxLYdA4e?ref=Link)

&

# [Practical Metalworking SWAY](https://sway.office.com/kEm4AaChOgF2NgHT?ref=Link)