

## **Practical Woodworking – Course Outline**

This course develops skills in three main areas. Each area provides opportunities for candidates to understand safe working practices, sustainability issues, and good practice in recycling within a workshop environment. Each area of study covers a different set of woodworking skills. All areas include skills and associated knowledge in measuring, marking out, cutting and jointing techniques.

The areas of study are:

### **Flat-frame construction**

Candidates develop skills, knowledge and understanding in the use of woodworking tools and in making woodworking joints and assemblies commonly used in flat-frame joinery, involving complex features. Candidates develop their ability to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

### **Carcase construction**

Candidates develop skills, knowledge and understanding in the use of woodworking tools and in making woodworking joints and assemblies commonly used in carcass construction, involving complex features. This may include working with manufactured board or with frames and panels. Candidates use working drawings or diagrams in both familiar and unfamiliar contexts that require some interpretation on their part.

### **Machining and finishing**

Candidates develop skills, knowledge and understanding in using machine and power tools. Candidates also develop skills in a variety of woodworking surface preparations and finishing techniques.

### **Skills, knowledge and understanding for the course**

The following provides a broad overview of the subject skills, knowledge and understanding developed in the course:

- ◆ using a range of woodworking tools, equipment and materials safely and correctly for woodworking tasks with some complex features
- ◆ adjusting tools where necessary, following safe practices
- ◆ reading and interpreting drawings and diagrams in familiar and some unfamiliar contexts
- ◆ measuring and marking out timber sections and sheet materials in preparation for cutting and shaping tasks with some complex features
- ◆ practical creativity in the context of simple and familiar woodworking tasks with some complex features
- ◆ following, with autonomy, given stages of a practical problem-solving approach to woodworking tasks
- ◆ applying knowledge and understanding of safe working practices in a workshop environment

- ◆ knowledge and understanding of the properties and uses of a range of woodworking materials
- ◆ knowledge and understanding of sustainability issues in a practical woodworking context