

## National 4 Practical Woodworking (Course Code: C762 74)

SCQF Level 4 (24 Credit Points)

### Why study Practical Woodworking?

This course will give you a broad introduction to practical woodworking skills. You will learn the correct use of tools and equipment, and a range of materials, processes and techniques. And, you will be able to read and interpret diagrams, and work safely in a workshop-based setting. You will get to use some creative skills, and plan your activities through to completing a finished product in wood.

The skills you learn in this course will help you move into career areas such as craft, design, engineering and graphics.

#### Career Pathways

To see what career areas this subject could lead to and the routes to get there, download and view these career pathways:

[Art and Design](#)

[Communications and Media](#)

[Construction](#)

[Manufacturing Industries](#)

[Performing Arts](#)

[Property and Facilities](#)

### What do I need to get in?

The school or college will decide on the entry requirements for the course. You would normally have achieved:

- National 3 Practical Craft Skills
- National 3 Design and Technology

### What will I study?

In this course you will develop manual dexterity and control skills in a specialist practical craft. You will learn about the correct use of a range of tools, equipment and materials. And, you will learn how to work effectively alongside others in a workshop environment.

In all three units you will develop an appreciation of safe working practices in a workshop setting. And, you will look at environmental issues and good practice in recycling in a woodworking context.

The course has **three** compulsory units, plus an **added value** unit that assesses your practical skills.

### **Practical Woodworking: Flat-frame Construction (6 SCQF credit points)**

In this unit you will:

- learn how to use woodworking tools
- prepare and produce basic flat-frame woodworking joints and assemblies
- learn to read and follow simple woodworking drawings or diagrams.

### **Practical Woodworking: Carcase Construction (6 SCQF credit points)**

In this unit you will:

- learn to prepare and produce basic woodworking joints and assemblies suitable for use in carcase construction. This may include working with manufactured board or with frames and panels
- use simple working drawings or diagrams.

### **Practical Woodworking: Machining and Finishing (6 SCQF credit points)**

In this unit you will:

- learn how to use common machine and power tools
- learn a variety of simple woodworking surface preparations and finishing techniques.

### **Added Value Unit: Making a Finished Product from Wood (6 SCQF credit points)**

In this unit you will:

- make a wooden product consisting of a minimum of five component parts, preparing these, assembling, fitting, fixing and finishing.

## **How will I be assessed?**

Your teacher or tutor will assess your work on a regular basis throughout the course. Items of work might include:

- practical work – operating machinery or checking tools
- written or oral work – identifying tools in short tests.

You must pass all units plus the added value unit to gain the course qualification.

## **Study Materials**

## **What can I go on to next?**

If you complete the course successfully, it may lead to:

- **National 5 Practical Woodworking**

Further study, training or employment in:

- Art and Design
- Communications and Media
- Construction
- Manufacturing Industries
- Performing Arts
- Property and Facilities