**SUBJECT NAME: PRACTICAL WOODWORKING**

The S3 Practical Woodworking course provides opportunities for you to gain a range of theoretical and practical woodworking skills.

The course enables you to develop:

* woodworking techniques
* measuring and marking out timber sections and sheet materials
* safe working practices in workshop environments
* practical creativity and problem-solving skills
* sustainability issues in a practical woodworking context

**ENTRY LEVEL – What do I need to do it?**

The S3 Practical Woodworking course will allow you to further enhance your knowledge and abilities within the practical technologies, building on the craft skills you have developed in S1 core technologies and the S2 Practical & Vocational Skills elective course. Ideally you will have completed the S2 PVS elective course, however, those students who have not followed the PVS elective course, but who are keen to explore and develop their practical skills in are welcome to join the course.

**COURSE CONTENT – What will I learn?**

The Practical Woodworking course develops skills in three main areas. Each area provides opportunities for you to demonstrate safe working practices and good practice in recycling and sustainability within the workshop environment. Each area of study covers a different set of woodworking skills. All areas include skills and associated knowledge in reading and interpreting working drawings, measuring and marking out, along with cutting and jointing techniques.

***Machining and finishing***

In this area, you will develop skills, knowledge and understanding in the safe use of machine and power tools. You will also develop and demonstrate your skills in a variety of woodworking surface preparations and finishing techniques.

***Carcase construction***

This area allows you to develop skills, knowledge and understanding in the use of tools and in the manufacture of joints and assemblies commonly used in carcase construction, involving complex features. You will develop your ability to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

***Flat-frame construction***

Here you will develop skills, knowledge and understanding in the use of tools and in the making of joints and assemblies commonly used in flat-frame joinery, again involving complex features. You will use your ability to read working drawings and diagrams in both familiar and unfamiliar contexts that may require some interpretation on your part.

**TEACHING METHODS – What will I do?**

The course is by its nature highly practical, exploratory and experiential. and you will spend the majority of your time in the workshop developing your practical skills through a number of tasks.

Other teaching methods may include:

* Class discussion
* Written tasks
* Group work

**ASSESSMENT**

You will be expected to complete and submit a range of practice joints/test pieces and ‘unit project’ for each area of study throughout the year. You will also undertake a class tests for each area in order to inform your next steps for learning as you progress through the course.

**HOMEWORK**

You will be expected to completed homework tasks to consolidate your knowledge of woodworking techniques, tools and materials, and safe working practices. Due to the practical nature of the course, it is expected that students who are absent from workshop periods attend catch-up sessions that the department will arrange to allow you to complete this work should you require it.

**PROGRESSION IN THE SENIOR PHASE**

Completion of the S3 Practical Woodworking course will allow you to progress to the National 5 Practical Woodworking course.