



National 5
Course
Specification



National 5 Practical Woodworking Course Specification (C762 75)

Valid from August 2013

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Please refer to the note of changes at the end of this Course Specification for details of changes from previous version (where applicable).

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Course outline

Course title: National 5 Practical Woodworking

SCQF: level 5 (24 SCQF credit points)

Course code: C762 75

Mandatory Units

H25V 75	Practical Woodworking: Flat-frame Construction (National 5)	6 SCQF credit points
H25W 75	Practical Woodworking: Carcase Construction (National 5)	6 SCQF credit points
H25X 75	Practical Woodworking: Machining and Finishing (National 5)	6 SCQF credit points

Course assessment **6 SCQF credit points**

This Course includes six SCQF credit points to allow additional time for preparation for Course assessment. The Course assessment covers the added value of the Course. Further information on the Course assessment is provided in the Assessment section.

Recommended entry

Entry to this Course is at the discretion of the centre. However, learners would normally be expected to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:

- ◆ National 4 Practical Woodworking Course or relevant component Units

In terms of prior learning and experience, relevant experiences and outcomes may also provide an appropriate basis for doing this Course.

Progression

This Course or its Units may provide progression to:

- ◆ other qualifications in practical technologies or related areas
- ◆ further study, employment and/or training

Further details are provided in the *Course Support Notes*.

Equality and inclusion

This Course Specification has been designed to ensure that there are no unnecessary barriers to learning or assessment. The individual needs of learners should be taken into account when planning learning experiences, selecting assessment methods or considering alternative evidence. For further information, please refer to the *Course Support Notes*.

Rationale

All new and revised National Courses reflect the Curriculum for Excellence values, purposes and principles. They offer flexibility, provide more time for learning, more focus on skills and applying learning, and scope for personalisation and choice.

In this Course, and its component Units, there will be an emphasis on skills development and the application of those skills. Assessment approaches will be proportionate and fit for purpose and they will promote best practice, enabling learners to achieve the highest standards they can.

This Course provides learners with opportunities to continue to acquire and develop the attributes and capabilities of the four capacities, as well as skills for learning, skills for life and skills for work.

All Courses provide opportunities for learners to develop breadth, challenge and application, but the focus and balance of the assessment will be appropriate for the subject area.

Relationship between the Course and Curriculum for Excellence values, purposes and principles

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 universally popular practical craft. 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.

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 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.

The Course encourages learners to become successful, responsible and creative in their use of technologies. It allows them to continue to acquire and develop the attributes and capabilities of the four capacities, including: creativity, flexibility and adaptability; enthusiasm and a willingness to learn; perseverance, independence and resilience; responsibility and reliability; and confidence and enterprise.

The Course provides progression from the National 4 Practical Woodworking Course as well as from experiences and outcomes in expressive arts, craft, design, engineering and graphics.

Purpose and aims of the Course

The Course is practical, exploratory and experiential in nature. It combines elements of technique and standard practice with elements of creativity.

The Course provides opportunities for learners to gain a range of practical woodworking skills and to use a variety of tools, equipment and materials. It allows them to plan activities through to the completion of a finished product in wood.

The Course will also give learners the opportunity to develop thinking, numeracy, and employability, enterprise and citizenship skills.

The aims of the Course are to enable learners to develop:

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

Information about typical learners who might do the Course

This Course is a broad-based qualification for learners with an interest in crafts. It is suitable for learners with an interest in practical woodworking and those wanting to progress to higher levels of study or a related career.

The Course provides opportunities to develop and enhance psychomotor skills, practical creativity, practical problem-solving skills, an appreciation of safe working practices in a workshop environment, and an understanding of sustainability issues in a practical woodworking context.

Course activities also provide opportunities to build self-confidence and to enhance generic and transferable skills in numeracy, employability skills, thinking skills, planning and organising of work tasks, working independently and in collaboration with others, as well as skills in communication and skills in self- and peer-evaluation.

Course structure and conditions of award

Course structure

On completing the Course, learners will have developed skills in practical woodworking. They will have gained skills in the correct use of tools, equipment and a range of woodworking materials, processes and techniques. In addition, learners will gain an appreciation of safe working practices in a workshop environment.

Units are statements of standards for assessment and not programmes of learning and teaching. They can be delivered in a number of ways.

As well as the Course assessment, the Course comprises three mandatory Units. Each of the Units of the Course is designed to provide progression from the corresponding Unit at National 4.

Practical Woodworking: Flat-frame Construction (National 5)

This Unit helps learners develop skills in the use of woodworking tools and in making woodworking joints and assemblies commonly used in flat-frame joinery. Tasks will involve some complex features. Learners will also be able to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

Practical Woodworking: Carcase Construction (National 5)

This Unit helps learners develop skills in making woodworking joints and assemblies commonly used in carcase construction. Tasks will involve some complex features and may include working with manufactured board or with frames and panels. The Unit includes the use of working drawings or diagrams, including unfamiliar contexts that require some interpretation on the part of the learner.

Practical Woodworking: Machining and Finishing (National 5)

This Unit helps learners develop skills in using common machine and power tools. It also helps learners develop skills in a variety of woodworking surface preparations and finishing techniques.

In each of the Units above, learners will develop an appreciation of safe working practices in a workshop environment. They will also gain an understanding of sustainability issues and good practice in recycling in a practical woodworking context.

The structure of the Course allows learners to cover fundamental woodworking skills in a progressive fashion. Each Unit covers a set of new woodworking skills. All of the Units include skills in measuring, marking out, cutting and jointing techniques.

Conditions of award

To gain the award of the Course, the learner must pass all of the Units as well as the Course assessment. The required Units are shown in the Course outline section. Course assessment will provide the basis for grading attainment in the Course award.

Skills, knowledge and understanding

Further information on the assessment of the skills, knowledge and understanding for the Course is given in the *Course Assessment Specification*. A broad overview of the mandatory subject skills, knowledge and understanding that will be assessed in the Course is given in this section. These include:

- ◆ 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

Skills, knowledge and understanding to be included in the Course will be appropriate to the SCQF level of the Course. The SCQF level descriptors give further information on characteristics and expected performance at each SCQF level (www.sqa.org.uk/scqf).

Assessment

Information about assessment for the Course is included in the *Course Assessment Specification*, which provides full details including advice on how a learner's overall attainment for the Course will be determined.

Unit assessment

All Units are internally assessed against the requirements shown in the *Unit Specifications*.

They can be assessed on an individual Unit basis or by using other approaches which combine the assessment for more than one Unit.

They will be assessed on a pass/fail basis within centres. SQA will provide rigorous external quality assurance, including external verification, to ensure assessment judgments are consistent and meet national standards.

The assessment of the Units in this Course will be as follows:

Practical Woodworking: Flat-frame Construction (National 5)

In this Unit, evidence will be required that the learner can produce flat-framed woodworking joints and assemblies to a given standard. Tasks will include some complex features. Evidence of knowledge and understanding will also be required.

Practical Woodworking: Carcase Construction (National 5)

In this Unit, evidence will be required that the learner can produce carcase constructions to a given standard. Tasks will include some complex features. Evidence of knowledge and understanding will also be required.

Practical Woodworking: Machining and Finishing (National 5)

In this Unit, evidence will be required that the learner can carry out machining and finishing to a given standard. Tasks will include some complex features. Evidence of knowledge and understanding will also be required.

Course assessment

Courses from National 4 to Advanced Higher include assessment of [added value](#)¹. At National 5, Higher and Advanced Higher, the added value will be assessed in the Course assessment. The added value for the Course must address the key purposes and aims of the Course as defined in the Course Rationale. It will do this by addressing one or more of breadth, challenge or application.

In the National 5 Practical Woodworking Course, added value will focus on:

- ◆ challenge
- ◆ application

¹ Definitions can be found here: <http://www.sqa.org.uk/sqa/58409.html>

The learner will draw on, extend and apply the skills and knowledge they have developed during the Course. This will be assessed through a [practical activity](#)² which involves producing a finished product in wood to a given standard. The task will be sufficiently open and flexible to allow for personalisation and choice and for the learners to demonstrate practical creativity.

² Definitions can be found here: <http://www.sqa.org.uk/sqa/58409.html>

Development of skills for learning, skills for life and skills for work

It is expected that learners will develop broad, generic skills through this Course. The skills that learners will be expected to improve on and develop through the Course are based on SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work* and drawn from the main skills areas listed below. These must be built into the Course where there are appropriate opportunities.

2 Numeracy

2.2 Money, time and measurement

4 Employability, enterprise and citizenship

4.3 Working with others

5 Thinking skills

5.3 Applying

5.5 Creating

Amplification of these skills is given in SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work*. The level of these skills will be appropriate to the level of the Course. Further information on building in skills for learning, skills for life and skills for work for the Course is given in the *Course Support Notes*.

Administrative information

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History of changes to National Course Specification

Course details	Version	Description of change	Authorised by	Date

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