

**COMHAIRLE NÁISIÚNTA NA  
gCÁILÍOCHTAÍ GAIRMOIDEACHAIS**

**NATIONAL COUNCIL FOR  
VOCATIONAL AWARDS**



**Consultative Draft Module Descriptor**

**Woodcraft**

**Level 1 A10203**

**September 1999**

## Introduction

A module is a statement of the standards to be achieved to gain an NCVA award. Candidates are assessed to establish whether they have achieved the required standards. Credit is awarded for each module successfully completed.

The standards in a module are expressed in terms of learning outcomes i.e. what the learner will be able to do on successful completion of the module.

While the NCVA is responsible for setting the standards for certification in partnership with course providers and industry, it is the course providers who are responsible for the design of the learning programmes. The duration, content and delivery of learning programmes should be appropriate to the learners' needs and interests, and should enable the learners to reach the standard as described in the modules. Modules may be delivered alone or integrated with other modules.

The development of learners' **core skills** is a key objective of vocational education and training. The opportunity to develop these skills may arise through a single module or a range of modules. The core skills include:

- taking initiative
- taking responsibility for one's own learning and progress
- problem solving
- applying theoretical knowledge in practical contexts
- being numerate and literate
- having information and communication technology skills
- sourcing and organising information effectively
- listening effectively
- communicating orally and in writing
- working effectively in group situations
- understanding health and safety issues
- reflecting on and evaluating quality of own learning and achievement.

Course providers are encouraged to design programmes which enable learners to develop core skills.

<b>1</b>	<b>Module Title</b>	<b>Woodcraft</b>
<b>2</b>	<b>Module Code</b>	<b>A10203</b>
<b>3</b>	<b>Level</b>	<b>1</b>
<b>4</b>	<b>Credit Value</b>	<b>1 credit</b>
<b>5</b>	<b>Purpose</b>	<p>This module is a statement of the standards to be achieved to gain an NCVA credit in Woodcraft at Level 1.</p> <p>This is an elective module leading to an NCVA level 1 certificate. It emphasises the safe use of tools and equipment. The learner will develop creative skills through the medium of timber.</p> <p>Learners who successfully complete the module will have gained knowledge and skill that will provide the basis for further training and employment.</p> <p>Course providers are responsible for designing learning programmes which are consistent with the learning outcomes and appropriate to the learners interests and needs.</p>
<b>6</b>	<b>Preferred Entry Level</b>	National Foundation Certificate, Junior Certificate or equivalent qualifications and/or relevant life and work experiences.
<b>7</b>	<b>Special Requirements</b>	None.
<b>8</b>	<b>General Aims</b>	<p><i>Learners who successfully complete this module will:</i></p> <p><b>8.1</b> learn to handle woodwork tools and equipment safely</p> <p><b>8.2</b> develop an awareness of the need for planning and design</p> <p><b>8.3</b> develop the basic skills necessary to carry out simple woodcraft assignments.</p>

**9 Units** This module comprises four units.

**Unit 1 Tools and Equipment**  
**Unit 2 Preparation and Design**  
**Unit 3 Woodcraft Techniques**  
**Unit 4 Safety**

## **10 Specific Learning Outcomes**

**Unit 1 Tools and Equipment**

*Learners should be able to:*

**10.1.1** use a range of tools used in woodcraft to include:

- hand tools
- electric tools

*Indicators are listed below for consideration. The evidence for the above learning outcome might include:*

- identifying a range of tools and equipment such as:
  - woodcraft handtools (tools for measuring, marking out, drilling, cutting, screwing, assembling, and benchwork)
  - electric powered hand tools (hand drill, sander)
- listing the uses for the tools identified above
- selecting appropriate tools and equipment for specific tasks.

**10.1.2** demonstrate competence in the care and maintenance of tools and equipment including power tools

*Indicators are listed below for consideration. The evidence for the above learning outcome might include:*

- evaluating the condition of tools and equipment before use
- cleaning tools and storing tools correctly after use
- compiling a visual diary of tools and equipment with reference to safety.

**Unit 2 Preparation and Design**

*Learners should be able to:*

**10.2.1** demonstrate an awareness of the characteristics of materials and finishes used in wood and timber

*Indicators are listed below for consideration. The evidence for the above learning outcome might include:*

- outlining the basic properties of a range of materials (hardwood, softwood, natural and manufactured board, plastics and fibreboard)

- identifying a range of uses for materials
- selecting the correct material for specific tasks
- using a range of materials
- compiling a materials requirement list for specific tasks
- identifying a range of uses for different types of finishes
- applying suitable preparations and finishes for specific tasks.

**10.2.2** analyse a design brief and apply the design process in woodcraft

*Indicators are listed below for consideration. The evidence for the above learning outcome might include:*

- outlining the design process
- interpreting a design brief with the aid of sketches
- producing design solutions to woodcraft assignments to include: sketches/working and assembly drawings
- producing working procedures for specific tasks.

**Unit 3 Woodcraft Techniques**

***Learners should be able to:***

**10.3.1** use a range of woodcraft techniques

*Indicators are listed below for consideration. The evidence for the above learning outcome might include:*

- demonstrating the following techniques: marking-out; drilling; cutting; trenching; shaping; joining; [temporary and with adhesives]; assembly of halving joints; angle joints; dovetailing joints
- identifying artefacts where a number of the above joints are commonly used e.g. chairs, tables, doors, drawers, etc.
- selecting appropriate techniques and wood finishes for specific tasks.

**Unit 4 Safety**

***Learners should be able to:***

**10.4.1** apply appropriate behaviour and safety measures in the use of hand and machine tools

*Indicators are listed below for consideration. The evidence for the above learning outcome might include:*

- identifying potential safety hazards in the use of hand and power tools

- using woodcraft tools and equipment correctly
- demonstrating the ability to work safely in a practical work setting to include:
  - correct use of tools and equipment
  - care and maintenance of working environment
  - due regard for safety of self and others.

**11 Assessment** See the note on Assessment Principles inside the back page.

**Summary of Assessment**

<b>Portfolio of Coursework</b>	<b>60%</b>
<b>Project</b>	<b>40%</b>

**11.1 Technique**

**Portfolio of Coursework**

In order to achieve this module candidates are required to present sufficient evidence to show that they have developed a range of appropriate practical skills and an ability to apply knowledge in a practical situation.

**Weighting** 60%

**Components**

**Tools and Equipment**

Candidates are required to produce evidence of practical skills in using the appropriate tools and equipment.

**Preparation and Design**

Candidates are required to produce evidence that demonstrates knowledge of timber (natural and manufactured board) as a material, and preparatory sketches for carrying out assignments.

**Woodcraft Techniques**

Candidates are required to demonstrate competence in woodcraft processes using different materials and a variety of appropriate finishes.

**Safety**

Candidates are required to follow appropriate safety procedures in the use of tools and equipment.

**11.2 Technique**

**Project**

Candidates are required to undertake a project in response to a locally devised woodcraft design brief. The evidence presented for this project should include:

- preparatory sketches and research carried out
- at least one woodcraft technique
- at least one assembly technique
- presentation and appropriate finish
- completion of project item.

**Weighting** 40%

## **12 Performance Criteria**

### **12.1 Portfolio of Coursework and Project**

The assessment criteria for each component of the portfolio and project are detailed in the accompanying Individual Candidate Marking Sheet.

## **13 Grading**

Pass	50 – 64%
Merit	65 – 79%
Distinction	80 – 100%

<b>Individual Candidate Marking Sheet</b>		<b>Woodcraft A10203 Portfolio of Coursework and Project Weighting 100%</b>
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Candidate Name: \_\_\_\_\_ NCVA Exam. No.: \_\_\_\_\_

School/Centre: \_\_\_\_\_ Roll No: \_\_\_\_\_

Performance Criteria	Maximum Mark	Candidate Mark
<b>Portfolio of Coursework</b>		
<b>Tools and Equipment</b> knowledge and maintenance selection and appropriate use adopt appropriate safety procedures	20	
<b>Preparation and Design</b> knowledge of material planning an assignment sketches and working drawings	20	
<b>Woodcraft Techniques</b> marking out demonstration of techniques in a safe manner preparing and applying a finish in a safe manner	20	
<b>Sub-total</b>	<b>60</b>	
<b>Project</b>		
interpretation of project brief research and illustrative sketches selection and use of materials demonstration of craft technique demonstration of assembly technique selection of appropriate finish preparation and application of finish presentation of completed piece	40	
<b>Sub-total</b>	<b>40</b>	
<b>TOTAL</b>	<b>100</b>	
<i>This mark will be transferred to the Module Results Summary Sheet</i>		

**The evidence presented in the Final Project and Portfolio of Coursework, and all related support studies is my own.**

Candidate's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

External Examiner's Signature: \_\_\_\_\_ Date: \_\_\_\_\_





## NCVA Assessment Principles

- 1 Assessment is regarded as an integral part of the learning process.
- 2 All NCVA assessment is criterion referenced. Each assessment technique has **performance criteria** which detail the range of marks to be awarded for specific standards of knowledge, skills and competence demonstrated by candidates.
- 3 The mode of assessment is generally local i.e. the assessment techniques are devised and implemented by assessors (teachers/tutors/trainers) in centres.
- 4 Assessment techniques in NCVA modules are valid in that they test a range of appropriate learning outcomes.
- 5 The reliability of assessment techniques is facilitated by providing support for assessors.
- 6 Each NCVA module describes one approach to assessment. It is possible for assessors to use other forms of assessment, provided they are demonstrated to be valid and reliable.
- 7 To enable all learners to demonstrate that they have reached the required standard, candidate evidence may be submitted in written, oral, visual, multimedia or other format as appropriate to the learning outcomes.
- 8 Assessment of a number of modules may be integrated, provided the separate criteria for each module are met.
- 9 Group or team work may form part of the assessment of a module, provided each candidate's achievement is separately assessed.