

**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.

1	Module Title	Woodcraft
2	Module Code	A10203
3	Level	1
4	Credit Value	1 credit
5	Purpose	<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>
6	Preferred Entry Level	National Foundation Certificate, Junior Certificate or equivalent qualifications and/or relevant life and work experiences.
7	Special Requirements	None.
8	General Aims	<p><i>Learners who successfully complete this module will:</i></p> <p>8.1 learn to handle woodwork tools and equipment safely</p> <p>8.2 develop an awareness of the need for planning and design</p> <p>8.3 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

Portfolio of Coursework	60%
Project	40%

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%

Individual Candidate Marking Sheet		Woodcraft A10203 Portfolio of Coursework and Project Weighting 100%
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Candidate Name: _____ NCVA Exam. No.: _____

School/Centre: _____ Roll No: _____

Performance Criteria	Maximum Mark	Candidate Mark
Portfolio of Coursework		
Tools and Equipment knowledge and maintenance selection and appropriate use adopt appropriate safety procedures	20	
Preparation and Design knowledge of material planning an assignment sketches and working drawings	20	
Woodcraft Techniques marking out demonstration of techniques in a safe manner preparing and applying a finish in a safe manner	20	
Sub-total	60	
Project		
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	
Sub-total	40	
TOTAL	100	
<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.