

Certificate Specification NFQ Level 5

Forestry 5M3425

1. Certificate Details

Title	Forestry
Teideal as Gaeilge	Foraoiseacht
Award Class	Major
Code	5M3425
Level	5
Credit Value	120
Purpose	The purpose of this award is to enable the learner to work independently in a forestry operation under direction or to progress to further or higher education and training.
Statements of Knowledge, Skill and Competence	Learners will be able to:
Knowledge	
<i>Breadth</i>	Demonstrate a broad range of knowledge related to the field of forestry
<i>Kind</i>	Demonstrate knowledge of some theoretical concepts and abstract thinking pertaining to tree growth processes including the effects of pests, diseases and disorders
Know How & Skill	
<i>Range</i>	Demonstrate a broad range of skills and tools in carrying out forestry operations independently in accordance with recommended good practice
<i>Selectivity</i>	Comply with obligations and responsibilities under Irish and EU laws and regulations
Competence	
<i>Context</i>	Demonstrate defined knowledge and skills within a range of varied and specific forestry contexts

<i>Role</i>	Work independently in a forestry operation taking direction from management
<i>Learning to Learn</i>	Take responsibility for own learning in a structured context
<i>Insight</i>	Reflect on personal practice to inform self understanding and professional development.
	The learning outcomes associated with this award are outlined in the associated Component Specifications.
Access	To access programmes leading to this award the learner should have reached the standards of knowledge, skill and competence associated with the preceding level of the National Framework of Qualifications. This may have been achieved through a formal qualification or through relevant life and work experience.
Transfer	Achievement of this award will enable the learner to transfer to other appropriate programmes leading to awards at the same level of the National Framework of Qualifications.
Progression	Achievement of this award will enable the learner to progress to other appropriate programmes leading to awards at the next or higher levels of the National Framework of Qualifications.
Progression Awards	Learners who successfully complete this award may progress to a range of different awards.
Grading	Pass Merit Distinction The grade achieved will be determined by the grades achieved on the components

2. Certificate Requirements

The total credit value required for this certificate is 120. This will be achieved by completing:

Award Code	Title	Level	Credit Value
All of the following component(s)			
5N3396	Forest Safety	5	15
5N3397	Silviculture	5	15
5N1433	Work Practice	5	15
A minimum credit value of 15 from the following components			
5N0690	Communications	5	15
5N0972	Customer Service	5	15
5N1390	Personal Effectiveness	5	15

5N1367	Teamworking	5	15
5N1833	Mathematics	5	15
6N2191	Leadership	6	15

A minimum credit value of 45 from the following components

5N3398	Sustainable Forestry	5	15
5N3399	Forest Calculations	5	15
5N3401	Forest Development	5	15
5N3402	Forestry and the Environment	5	15

A minimum credit value of 15 from the following components

5N0731	Hand Held Pesticide Application	5	5
5N2433	Safe Use of Pesticides	5	5
5N1797	Boom Sprayer Pesticide Application	5	5
5N1752	All Terrain Vehicle Operations	5	5
5N3404	Chainsaw Operations	5	5
5N3405	Felling and Processing Small Trees	5	5
5N3406	Felling and Processing Large Trees	5	5
5N3407	Processing Individual Wind Blown Trees	5	5
5N3409	Processing Multiple Wind Blown Trees	5	5
5N3411	Forestry Fencing	5	5
5N3413	Forestry Forwarder Operations	5	15

3. Supporting Documentation

None

4. Specific Validation Requirements

There are no specific validation requirements

5. Europass Certificate Supplement

The Europass Certificate Supplement for this award can be accessed at: www.qqi.ie.

6. FET Award Standards

QQI award standards are determined within the National Framework of Qualifications (NFQ), <http://www.nfq-qqi.com>. QQI determines standards for the education and training awards that it makes itself and that are made by providers to whom it has delegated authority to make an award. Providers offering programmes leading to QQI awards **must** have their programme(s) validated in accordance with current validation policy (see www.qqi.ie).

Award standards are designed to be consistent with the NFQ's award classes i.e. major, special purpose, supplemental and minor awards. They are expressed in terms of **learning outcomes** i.e. concise statements of what the learner is expected to know or be able to do

in order to achieve a particular award. Learning outcomes for QQI awards are contained within the associated specifications:

AWARD CLASS	STANDARDS	AWARDS
Major Award	Certificate Specification	Certificate (Levels 1 to 5) Advanced Certificate (Level 6)
Supplemental Award	Supplemental Specification	Supplemental Certificate (Level 3 to 6)
Special Purpose	Specific Purpose Specification	Specific Purpose Certificate (Levels 3 to 6)
Minor Award	Component Specification	Component Certificate (Levels 1 to 6)

Award standards are thresholds, they describe standards of knowledge, skill or competence to be acquired, and where appropriate, demonstrated, by a learner before an award may be made.

Award standards will be reviewed from time to time as necessary. Minor changes may be made by the QQI executive outside the review cycle where necessary. Changes to standards are published on QQI's website. Providers with validated programmes and providers with delegated authority to make awards are responsible for monitoring relevant standards and making necessary responses to changes.

7. FET Credit

Every FET certificate and component specification includes an FET credit value (Table 1). FET credit is quantified in multiples of 5 FET credits (up to 50 hours of learner effort). Learner effort is based on the time taken by typical learners at the level of the award to achieve the learning outcomes for the award. It includes all learning time involved including: guided learning hours, self-directed learning and assessment.

Table 1: FET Credit Values

NFQ Level	Major Awards Credit Values	Default Credit Values Minor Awards	Other Permitted Minor Award Credit Values	Special Purpose and Supplemental Award Credit Value Ranges
1	20	5	10	
2	30	5	10	
3	60	10	5,20	>5 and <60
4	90	10	5,15,20	>5 and <90
5	120	15	5,10,30	>5 and <120
6	120	15	5,10,30	>5 and <120

Guide to Level

Learning outcomes at this level include a broad range of skills that require some theoretical understanding. The outcomes may relate to engaging in a specific activity, with the capacity to use the instruments and techniques relating to an occupation. They are associated with work being undertaken independently, subject to general direction.

Strand	Sub-strand	Nature of learning
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Knowledge	Breadth	Broad range of knowledge
	Kind	Some theoretical concepts and abstract thinking, with significant depth in some areas.
Know How & Skill	Range	Demonstrate a broad range of specialised skills and tools
	Selectivity	Evaluate and use information to plan and develop investigative strategies and to determine solutions to varied unfamiliar problems
Competence	Context	Act in a range of varied and specific contexts, taking responsibility for the nature and quality of outputs; identify and apply skill and knowledge to a wide variety of contexts
	Role	Exercise some initiative and independence in carrying out defined activities; join and function within multiple, complex and heterogeneous groups
	Learning to Learn	Learn to take responsibility for own learning within a managed environment
	Insight	Assume full responsibility for consistency of self- understanding and behaviour

Extract from 'Determinations for the Outline National Framework of Qualifications': NQAI