



Component Specification

Organic Production Principles

Level 5

5N1747

1. Introduction

The Further Education and Training Awards Council is the single national awarding body in further education and training in Ireland. It is responsible for determining the standards for named awards at levels 1 to 6 on the National Framework of Qualifications. All named awards are devised in line with the National Qualifications Authority of Ireland's determinations and guidelines.

2. The National Framework of Qualifications

The National Framework of Qualifications comprises 10 levels ranging from initial learning (level 1) to the most advanced levels of learning (level 10).

At each level there are one or more award types. An award type is a grouping of awards that share similar features. The National Qualifications Authority of Ireland has determined Award Type Descriptors for each award type. See www.nqai.ie. The Award Type Descriptor identifies the key strands and sub-strands of knowledge, skill and competence for that award type.

3. 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
Knowledge	Breadth	Broad range of knowledge
	Kind	Some theoretical concepts and abstract thinking, with significant depth in some areas. Some underpinning theory
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 (www.nqai.ie)

4. Award Specifications

FETAC determines the standards for all awards in partnership with relevant stakeholders. This award was developed in line with the Council policy on Standards Development published in September 2005.

Standards are published in the form of Award Specifications. A Specification is devised in respect of each named award. Each Specification provides a comprehensive description of the features, characteristics and standards of the award.

A **Certificate Specification** is published for each named **major award**.

A **Component Specification** is published for each named **minor award**. Please note that each component (i.e. minor award) is associated with one or more Certificates (i.e. major, special purpose or supplemental award). See www.fetac.ie.

A **Specific Purpose Specification** is published for each **special purpose award**.

A **Supplemental Specification** is published for each **supplemental award**.

Standards 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 that award.

Learning outcomes for all awards (i.e. major, special purpose, supplemental awards) are contained within the associated Component Specifications.

5. Component Details

Title	Organic Production Principles
Teideal as Gaeilge	Táirgeadh Prionsabail Orgánacha
Award Type	Minor
Code	5N1747
Level	5
Credit Value	5
Purpose	The purpose of this award is to equip the learner with the knowledge, skill and competence to apply organic production principles to the production of a range of organic produce, to meet market requirements and approved organic standards in compliance with European Union (EU) and Irish legislation.
Learning Outcomes	<p>Learners will be able to:</p> <ol style="list-style-type: none">1 Outline the origin and development of the organic movement including the diversity of organic approaches and the range of certifying bodies involved2 Explain the principles of organic production including the aims, economic and environmental features, systems, standards, terms and symbols used3 Outline the procedures involved in converting from a non-organic to an organic production system including sources of advice, regulatory aspects, farm management practices and financial implications4 Describe organic soil fertility practices under a range of the following headings relevant to the course focus, nutrient management, green manures, composting, pasture renewal, crop rotation, ecological weed control, grass and forage management5 Outline general standards for organic production from a range of the following where relevant to the course focus, requirements for record keeping, soil management, rotation practices, manure management and supplementary nutrition, animal welfare, animal health, plant health6 Describe weed, pest and disease control in organic crops including ecological control techniques, procedures, record keeping and codes of practice7 Plan a production programme to organic standards in

- accordance with conversion principles
- 8 Complete the documentation required for conversion to an organic production system
 - 9 Describe soil amelioration techniques with organic production including operation of a compost system and a vermicompost system
 - 10 Manage a crop, including assessing levels of weeds, pests or disease where appropriate, assessing impact on crop performance and selecting and applying suitable management measures
 - 11 Outline the key aspects of an organic production plan
 - 12 Assess the economic viability and market opportunities for organic production including EU and national supports.

Assessment

General Information

Details of FETAC's assessment requirements are set out in [Assessment Guidelines for Providers](#).

All FETAC assessment is criterion referenced. Successful achievement of the award is based on learners attaining the required standards of knowledge, skill or competence.

The techniques set out below are considered the optimum approach to assessment for this component. In exceptional circumstances providers may identify alternative assessment techniques through the provider's application for programme validation which are **reliable** and **valid** but which are more appropriate to their context.

Assessment of a number of components may be integrated across programmes for delivery, provided that the learning outcomes of each minor award are assessed.

Group or team work may form part of the assessment, provided each learner's achievement is separately assessed.

All providers are required to submit an assessment plan as part of their application for programme validation. Assessment Plans will include information relating to scheduling and integration of assessment. See [FETAC's Provider Guidelines for Programme Validation](#).

Assessment Techniques

In order to demonstrate that they have reached the standards of knowledge, skill and competence identified in all the learning outcomes, learners are required to complete the assessment(s)

below.

The assessor is responsible for devising assessment instruments (e.g. project and assignment briefs, examination papers), assessment criteria and mark sheets, consistent with the techniques identified below and FETAC's assessment requirements.

Programme validation will require providers to map each learning outcome to its associated assessment technique. See [FETAC's Provider Guidelines for Programme Validation](#).

All learning outcomes **must** be assessed.

Examination - Theory	40%
Examination - Practical	20%
Assignment	40%

Description

Examination - Theory

An examination provides a means of assessing a learner's ability to recall and apply knowledge, skills and understanding within a set period of time and under clearly specified conditions.

A theory-based examination assesses the ability to recall, apply and understand specific theory and knowledge.

The assessor will devise a theory-based examination to assess learning outcomes 1 - 9.

Examination - Practical

An examination provides a means of assessing a learner's ability to recall and apply knowledge, skills and understanding within a set period of time and under clearly specified conditions.

A practical examination assesses specified practical skills demonstrated in a set period of time under restricted conditions.

The assessor will devise a practical examination based on 4 practical tasks to assess learning outcome 10.

List of tasks:

- 1 Assessing weed infestation levels
- 2 Assessing crop performance

- 3 Identifying suitable management measures
- 4 Apply suitable management measures

Assignment

An assignment is an exercise carried out in response to a brief with specific guidelines as to what should be included. An assignment is usually of short duration and may be carried out over a specified period of time.

The assessor will devise an assignment to assess Learning outcomes 11 and 12

Recognition of Prior Learning (RPL)

Learners may be assessed on the basis of their prior knowledge and experience. Providers must be specifically quality assured to assess learners by this means. To do so they must complete B10, see Provider's Quality Assurance Guidelines and be included on the Register of RPL approved providers. See RPL Guidelines at www.fetac.ie for further information and registration details.

Grading

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

Specific Validation Requirements

There are no specific validation requirements for this award

Supporting Documentation

None

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

Successful completion of this component award enables the learner to transfer to programmes leading to other certificates where this component is a mandatory or an elective requirement.