

## Component Specification

### Landscape Construction and Maintenance

NFQ Level 5

5N1908

#### 1. Component Details

|                           |   |
|---------------------------|---|
| <b>Title</b>              | Landscape Construction and Maintenance  |
| <b>Teideal as Gaeilge</b> | Tógáil agus Cothabháil Tírdhreacha  |
| <b>Award Class</b>        | Minor   |
| <b>Code</b>               | 5N1908  |
| <b>Level</b>              | 5   |
| <b>Credit Value</b>       | 15  |
| <b>Purpose</b>            | The purpose of this award is to equip the learner with the knowledge, skill and competence in landscape construction and maintenance, to enable the learner to work under supervision and or with others in a variety of landscape construction and maintenance contexts.   |
| <b>Learning Outcomes</b>  | <p>Learners will be able to:</p> <ol style="list-style-type: none"> <li>1 Recognise the structural components of hard landscape features</li> <li>2 Identify materials involved in hard landscaping</li> <li>3 Recognise standards of workmanship and finish</li> <li>4 Examine different techniques of staking and their uses</li> <li>5 Recognise the features and use displays to include: herbaceous, perennials, bulbs, corms, tubers, annuals, roses, hanging baskets, window box, tubs and alpiners</li> </ol> |

- 6 Identify a range of plants and herbs
- 7 Examine the year round maintenance programme for a lawn
- 8 Examine the use and different types of herbicides, pesticides and fertilisers
- 9 Carry out a survey and plot and draw a survey area to scale
- 10 Perform pre-building skills to include: establishing levels and falls, marking out Level 3s, setting up profiles and setting up sight rails
- 11 Calculate area and volume
- 12 Select appropriate materials for hard landscaping
- 13 Lay a patio and construct a small wall from brick or stone
- 14 Construct steps with an appropriate tread and riser
- 15 Construct one of the following: water feature, timber feature, drain, gully or rockery
- 16 Prepare the ground for planting and model and contour ground prior to planting
- 17 Plant and stake a 10-12 cm girth, bare root tree
- 18 Prepare and sow a lawn and lay turves
- 19 Select suitable seed mixtures for different purpose lawns
- 20 Control weeds and moss by hoeing and mulching
- 21 Carry out pruning, training and trimming
- 22 Identify and control common pests and diseases
- 23 Identify areas requiring maintenance
- 24 Interpret information incorporated in a site plan
- 25 Estimate the cost of completing a range of hard landscaping features in a particular situation
- 26 Plant a hedge and a range of shrubs from a plan
- 27 Design and plant a winter or spring bedding scheme
- 28 Maintain and use a lawnmower to cut a lawn to specific requirements

29 Implement safe working practices.

## Assessment

### General Information

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

All FET 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 current FET validation guidelines at [www.qqi.ie](http://www.qqi.ie).

### 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 current FET validation guidelines at [www.qqi.ie](http://www.qqi.ie).

All learning outcomes **must** be assessed and achieved

Project

40%

|  |  |            |
|--|--|------------|
|  | Skills Demonstration   | 60%        |
| <b>Description</b>                         | <p><b>Project</b></p> <p><i>A project is a response to a brief devised by the assessor. A project is usually carried out over an extended period of time. Projects may involve research, require investigation of a topic, issue or problem or may involve process such as a design task, a performance or practical activity or production of an artefact or event.</i></p> <p><b>Skills Demonstration</b></p> <p><i>A skills demonstration is used to assess a wide range of practical based learning outcomes including practical skills and knowledge. A skills demonstration will require the learner to complete a task or series of tasks that demonstrate a range of skills.</i></p> |            |
| <b>Recognition of Prior Learning (RPL)</b> | 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 <a href="http://www.fetac.ie">www.fetac.ie</a> for further information and registration details.   |            |
| <b>Grading</b>                             | Pass   | 50% - 64%  |
|  | Merit  | 65% - 79%  |
|  | Distinction  | 80% - 100% |
| <b>Specific Validation Requirements</b>    | There are no specific validation requirements for this award   |            |
| <b>Supporting Documentation</b>            | None   |            |
| <b>Access</b>                              | 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.  |            |
| <b>Transfer</b>                            | 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.  |            |

## 2. 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](http://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 FET awards are contained within the associated specifications:

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

## 3. 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  |
|------------------|-------------------|---|
| 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*