

## Component Specification

### Microdermabrasion and Laser IPL

NFQ Level 6

6N3474

#### 1. Component Details

<b>Title</b>	Microdermabrasion and Laser IPL
<b>Teideal as Gaeilge</b>	Micreascrabhadh Deirmeach agus Léasar DSB
<b>Award Class</b>	Minor
<b>Code</b>	6N3474
<b>Level</b>	6
<b>Credit Value</b>	15
<b>Purpose</b>	The purpose of this award is to equip the learner with the knowledge, skill and competence to work independently in providing microdermabrasion, laser and light treatments for skin and hair.
<b>Learning Outcomes</b>	Learners will be able to:  <ol style="list-style-type: none"><li>1 Explain the purpose of detailed skin and hair analysis and relevant tests prior to treatments</li><li>2 Explain the function and maintenance of the equipment used for treatments</li><li>3 Explain how to select appropriate equipment for treatments</li><li>4 Recognise indications, contra-indications and contra-actions to treatments</li><li>5 Explain the main types of laser and intense pulse light and their effects and uses</li><li>6 Explain microdermabrasion and its effects and uses</li></ol>

- 7 Explain the Fitzpatrick Scale
- 8 Explain light as electromagnetic radiation
- 9 Describe the cooling methods used by laser and intense pulse light systems and their effects and benefits
- 10 Describe the principles of electricity and electrical currents
- 11 Describe the process of skin healing
- 12 Describe the protective equipment and environment requirements necessary to conduct treatments
- 13 Describe the effects and benefits of treatments to the skin, underlying tissues and hair
- 14 Discuss how to deal appropriately with reappearance of hair and skin conditions between treatments
- 15 Describe possible reactions to treatments
- 16 Describe how ageing, lifestyle and environmental factors can affect the skin and its underlying structures
- 17 Carry out a detailed skin and hair analysis including appropriate tests
- 18 Select appropriate equipment and protective equipment to suit treatments
- 19 Conduct and adapt treatments to suit the treatment area and the client's needs within a commercially acceptable time limit
- 20 Provide appropriate aftercare and homecare advice
- 21 Implement good practice with regard to health and safety guidelines when conducting treatments
- 22 Ensure the positioning of both client and therapist is correct for all treatments
- 23 Record and reflect on the results of treatments
- 24 Communicate and behave in a professional manner
- 25 Adhere to manufacturers' instructions for the use of professional products and machines.

## 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

Portfolio / Collection of Work	20%
Examination - Theory	20%
Examination - Practical	60%

## Description

## **Portfolio / Collection of Work**

*A portfolio or collection of work is a collection and/or selection of pieces of work produced by the learner over a period of time that demonstrates achievement of a range of learning outcomes. The collection may be self-generated or may be generated in response to a particular brief or tasks/activities devised by the assessor.*

## **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.*

## **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.*

## **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](http://www.fetac.ie) for further information and registration details.

## **Grading**

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

## **Specific Validation Requirements**

The provider must have all of the following in place to offer this award:

Access to appropriate body and beauty therapy work stations to include plinth, trolley, stool and magnified lamp

1. Access to appropriate microdermabrasion and laser/IPL equipment and attachments
2. Access to hot and cold running water and sanitary toilet facilities

**Supporting Documentation**

1. Current Safety and Health at Work legislation
2. Standards for Beauty and Holistic Therapy Management of Training Centres available from the National Standards Authority of Ireland

**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.

**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) 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.

### 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 comprehensive range of skills which may be vocationally-specific and/or of a general supervisory nature, and require detailed theoretical understanding. The outcomes also provide for a particular focus on learning skills. The outcomes relate to working in a generally autonomous way to assume design and/or management and/or administrative responsibilities. Occupations at this level would include higher craft, junior technician and supervisor.

Strand	Sub-strand	Nature of learning
Knowledge	Breadth	Specialised knowledge of a broad area
	Kind	Some theoretical concepts and abstract thinking, with significant underpinning theory
Know How & Skill	Range	Demonstrate a comprehensive range of specialised skills and tools
	Selectivity	Formulate responses to well defined abstract problems
Competence	Context	Act in a range of varied and specific contexts involving creative and non-routine activities; transfer and apply theoretical concepts and/or technical or creative skills to a range of contexts
	Role	Exercise substantial personal autonomy and often take responsibility for the work of others and/or for the allocation of resources; form and function within, multiple and complex heterogeneous groups.

Learning to Learn	Learn to evaluate own learning and identify needs within a structured learning environment; assist others in identifying learning needs
Insight	Express an internalised, personal world view, reflecting engagement with others.

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