



Higher National Unit Specification

General information for centres

Unit title: Beauty Therapy: Electro-Cosmetic Therapy

Unit code: DP3F 35

Unit purpose: This Unit is designed to provide candidates with the ability to understand the principles and effects of different types of currents and related treatments used in electro-cosmetic therapy.

On completion of the Unit the candidate should be able to:

- 1 Describe the radiation treatments used in the beauty salon.
- 2 Demonstrate an understanding of the principles and effects of electrotherapy treatments used in the beauty salon.
- 3 Correctly identify additional electrotherapy treatments offered within the health and beauty industry.

Credit points and level: 1 HN Credit at SCQF level 8: (8 SCQF credit points at SCQF level 8*)

**SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

Recommended prior knowledge and skills: Access to this Unit is at the discretion of the centre. The candidates do not require any prior knowledge or skills but it would be an advantage to run concurrently with the Contemporary Electrotherapy Unit.

Core skills: There may be opportunities to gather evidence towards Core Skills in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

Context for delivery: This is a mandatory Unit and is delivered as part of the HND Beauty Therapy and an optional Unit in the HNC Beauty Therapy, it is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

Assessment: Outcomes 1 and 2 could be integrated to produce a detailed assignment. This assignment must demonstrate the candidates understanding of radiation and electrotherapy treatments. Outcome 3 could be integrated with the Contemporary Electrotherapy Unit to produce a project or assignment detailing knowledge of three additional electrotherapy treatments. Both assessments should be conducted in conditions where arrangements have been put in place to assure the authenticity of the candidates work.

Higher National Unit specification: statement of standards

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The sections of the Unit stating the Outcomes, knowledge and/or skills, and evidence requirements are mandatory.

Where evidence for Outcomes is assessed on a sample basis, the whole of the content listed in the knowledge and/or skills section must be taught and available for assessment. Candidates should not know in advance the items on which they will be assessed and different items should be sampled on each assessment occasion.

Outcome 1

Describe the radiation treatments used in the beauty salon

Knowledge and/or skills

- ◆ principles and effects of ultra-violet and infra-red radiation
- ◆ physiological effects of ultra-violet and infra-red radiation
- ◆ uses of ultra-violet and infra-red radiation in the salon
- ◆ possible harmful effects of ultra-violet and infra-red radiation
- ◆ precautions which must be taken in the salon when using ultra-violet and infra-red radiation

Evidence requirements

Candidates will need to provide evidence to demonstrate a broad knowledge and understanding of the radiation treatments used in the beauty salon.

The evidence will be written.

Each candidate must correctly:

- ◆ describe the properties and the generation of ultra-violet and infra-red radiation
- ◆ explain the physiological effects of ultra-violet and infra-red radiation
- ◆ identify the uses of ultra-violet and infra-red radiation in the beauty salon
- ◆ describe possible harmful effects of ultra-violet and infra-red radiation
- ◆ explain precautions which must be taken in salon when using ultra-violet and infra-red radiation

Assessment should be conducted in conditions where arrangements have been put in place to assure the authenticity of the candidates work.

Higher National Unit specification: statement of standards (cont)

Unit title: Beauty Therapy: Electro-Cosmetic Therapy

Assessment guidelines

This assessment could be integrated with Outcome 2 to produce a detailed assignment or assessed separately, if preferred.

Evidence must demonstrate an understanding of radiation treatments.

Outcome 2

Demonstrate an understanding of the principles and effects of electrotherapy treatments used in the beauty salon

Knowledge and/or skills

- ◆ principles and effects of galvanic currents used in the beauty salon
- ◆ principles and effects of high frequency currents used in the beauty salon
- ◆ principles and effects of faradic currents used in the beauty salon
- ◆ principles and effects of micro-currents used in the beauty salon

Evidence requirements

The candidate will need evidence to demonstrate a broad knowledge and understanding of electrotherapy treatments used in the beauty salon.

The evidence will be written.

Each candidate must correctly:

- ◆ explain the application of galvanic therapy to iontophoresis and desincrustation
- ◆ explain the application of high frequency to indirect and direct treatments
- ◆ explain the application of faradic therapy, including monophasic and biphasic treatments
- ◆ explain the application of micro-currents for electrolifting treatments
- ◆ identify the physiological effects of each electrotherapy treatment
- ◆ distinguish between the output waveforms from galvanic, high frequency and faradic instruments

Assessment should be conducted in conditions where arrangements have been put in place to assure the authenticity of the candidates work.

Assessment guidelines

The assessment could be integrated with Outcome 1 to provide a detailed assignment or assessed separately, if preferred.

Evidence must demonstrate an understanding of electrotherapy treatments.

Higher National Unit specification: statement of standards (cont)

Unit title: Beauty Therapy: Electro-Cosmetic Therapy

Outcome 3

Correctly identify additional electrotherapy treatments offered within the health and beauty industry

Knowledge and/or skills

- thermotherapy
- hydrotherapy
- mechanotherapy
- safety precautions

Evidence requirements

The candidate will need evidence to demonstrate knowledge of a variety of treatments used in the health and beauty industry.

Each candidate must correctly:

- ◆ identify one thermotherapy treatment and explain its use within the health and beauty industry for example: sauna, steam, paraffin, hot stones, electric blankets, mud, algae and clay treatments
- ◆ identify one hydrotherapy treatment and explain its use within the health and beauty industry for example: spa baths, jet showers, whirl pool, jacuzzi, and high pressure 'dry' massage treatments
- ◆ identify one mechanotherapy treatment and explain its use within the health and beauty industry for example: audio sonic, vacuum therapy, gyratory massage, skin brushing and pressure treatments
- ◆ include safety precautions and regulations for each treatment

Assessment should be conducted in conditions where arrangements have been put in place to assure the authenticity of the candidates work.

Assessment guidelines

This Outcome could be integrated with the Unit in Contemporary Electrotherapy. It is essential that the candidate provides a detailed assignment for each of the three therapies.

The assessment of this Outcome does not require to be time bound, nor carried out in supervised conditions, but should be conducted in conditions where arrangements have been put in place to assure the authenticity of the candidates work.

Administrative Information

Unit code:	DP3F 35
Unit title:	Beauty Therapy: Electro-Cosmetic Therapy
Superclass category:	HL
Date of publication:	August 2005
Version:	03 (January 2014)

History of changes:

Version	Description of change	Date
02	Clarification of Unit content	01/08/13
03	Clarification of Assessment guidelines.	27/01/14

Source: SQA

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Higher National Unit specification: support notes

Unit title: Beauty Therapy: Electro-Cosmetic Therapy

This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 40 hours.

Guidance on the content and context for this Unit

This Unit is intended to provide candidates with a basic understanding of the principles of physics, related to electrotherapy treatments used in the beauty salon. It should be clearly related to equipment used within the health and beauty industry so the context is familiar to the candidates. It would be beneficial for the candidate to gain some practical experience of the electrical equipment whilst learning the applied science of the electrical equipment.

Outcome 3 provides the chance to research new and existing treatments offered within the industry. Possible thermotherapy treatments could include sauna, steam, paraffin wax, hot stone therapy, electric blankets, as well as mud, algae and clay treatments. Hydrotherapy treatments could include spa baths, jet showers, jacuzzi and whirlpool, as well as high pressure 'dry' massage treatments. Mechanotherapy treatments could include vacuum therapy, gyratory massage, audio sonic, percussion, skin brushing and pressure treatments such as 'aromazone'.

It is hoped this Unit will enable candidates to appreciate the extent to which electrotherapy is used within the health and beauty industry and relate the knowledge to the practical application of the treatments.

Guidance on the delivery and assessment of this Unit

There are opportunities for integration of Outcomes 1 and 2. However the Outcomes could be assessed separately, if preferred.

Outcome 3 could be integrated with the Contemporary Electrotherapy Unit to produce a project or assignment.

However if this Unit is taught as a free-standing Unit, extra guidance may be given to help locate information on equipment used within the industry. Organised visits to industry may enhance effectiveness of this Unit if delivered as a free-standing Unit.

The candidate must provide evidence of underpinning knowledge, competency and ability to relate the knowledge to the practical application of the treatments.

Open learning

This Unit lends itself to flexible learning approaches, such as online or open/distance learning with tutor input and support and centre devised supervision agreements to ensure conditions for authenticity.

Higher National Unit specification: support notes

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Disabled candidates and/or those with additional support needs

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments, or considering whether any reasonable adjustments may be required. Further advice can be found on our website www.sqa.org.uk/assessmentarrangements

General information for candidates

Unit title: Beauty Therapy: Electro-Cosmetic Therapy

This Unit is designed to provide you with the ability to understand the principles and effects of different types of currents and related treatments used in electro-cosmetic therapy

You will be expected to produce detailed assignments outlining knowledge and understanding of different currents and treatments used within the beauty and health industry.

You will be expected to show evidence of data gathering, research skills and investigation into professional contemporary electrical treatments.

On completion of this Unit you should be able to:

- 1 Describe the radiation treatments used in the beauty salon.
- 2 Demonstrate an understanding of the principles and effects of electrotherapy treatments used in beauty salon.
- 3 Correctly identify additional electrotherapy treatments offered within the health and beauty industry.

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