



Qualification Specification

BT4C7 – VTCT (ITEC) Level 4 Certificate in Ultrasound
603/2911/7

About VTCT (iTEC)

Market-leading specialists, iTEC & VTCT, provide international qualifications and assessments in over 40 countries.

Through the two organisations, qualifications are delivered via over 2,000 approved sites globally with an ever-expanding list of centres throughout the UK and Ireland, and, a growing international presence.

Awarding for over 50 years, both iTEC & VTCT offer high-quality, robust, and regulated qualifications and assessments in a range of sectors, including beauty therapy, complementary therapy, hairdressing and barbering, sports, active health & fitness, hospitality, business & retail, and learning & development. Offering smarter support for brighter futures, with award-winning resources including: ManageAssess, Pivot Point, Smart End Point Assessment and Cengage.

For more information visit us at www.itecworld.co.uk and www.vtct.org.uk, or contact our dedicated Customer Support Team via email; customersupport@vtct.org.uk or call +44 (0)23 8068 4500

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Contents

About VTCT (iTEC)	2
Contents	3
1. Qualification at a glance	5
2. Purpose statement	6
2.1 Who is this qualification for?	6
2.2 What does this qualification cover?	6
2.3 Why is this qualification the most suitable?	6
2.4 What could this qualification lead to?	6
3. Qualification structure	7
4. Centre requirements	8
4.1 Approval and recognition	8
4.2 Resources	8
4.3 Teaching staff	8
4.4 Internal assessment	9
4.5 Record keeping	9
4.6 Total Qualification Time (TQT)	9
5. Assessment	10
5.1 Summary of assessment methods	10
5.2 Unit assessment methods	11
5.3 Contribution of assessment to the overall qualification grade	11
5.4 External assessment	12
5.4.1 External theory examinations	12
5.4.2 Test specification	12
5.4.3 Retaking external theory examinations	12
5.4.4 Reasonable adjustments and special considerations	12
5.4.5 External practical examination	13
5.4.6 Retaking external practical examination	14
5.4.6 Clinical case studies/treatment portfolio	14
6. Grading	15
6.1 Overview	15
6.2 Grade boundary review	16
7. External Examiner	17
7.1 External Examiner visits	17
7.2 Spot checking	17
7.3 Support and guidance	17

8. Unit structure.....	18
9. Appendix 1 – Assessment controls	19

1. Qualification at a glance

Qualification title	VTCT (ITEC) Level 4 Certificate in Ultrasound
Qualification number	603/2911/7
Product code	BT4C7
First registration date	1 st May 2018
Age range	18+
Total Qualification Time (TQT)	170
Guided Learning (GL) hours	123
Assessment	<p>To be awarded this qualification, learners must successfully achieve the following assessments:</p> <ul style="list-style-type: none">• Externally set and externally marked graded practical examination (50% of qualification grade)• Externally set and externally marked theory examination (50% of qualification grade)• Externally set and internally marked assignment/project (no contribution to overall grade)• Externally set and internally marked clinical case studies (no contribution to overall grade)
Overall qualification grading	<p>The overall qualification is graded:</p> <ul style="list-style-type: none">• Fail/Pass/Merit/Distinction
Entry requirements	<p>Learners are required to hold a traditional Level 3 beauty therapy qualification that includes facial electrical and body electrical units, and Level 3 anatomy and physiology.</p>

2. Purpose statement

2.1 Who is this qualification for?

The VTCT (ITEC) Level 4 Certificate in Ultrasound is an advanced therapy qualification aimed at level 3 qualified practitioners aged 18 and over, who wish to add this therapy to their repertoire of treatment offerings.

Learners are required to hold a level 3 beauty therapy qualification or equivalent.

2.2 What does this qualification cover?

This qualification is informed by employers and national occupational standards for beauty therapy and includes all the required elements to work effectively as a fully commercial Ultrasound practitioner. Learners must achieve all mandatory units which include:

- Principles and practice of non-medical aesthetic therapies
- Advanced consultation for non-medical aesthetic therapies
- Advanced skin care for non-medical aesthetic therapies
- Provide ultrasound treatments

Throughout this qualification, learners will develop their knowledge and understanding of relevant anatomy and physiology and health and safety pertaining to level 4 non-medical aesthetic therapies. They will also develop the knowledge, understanding and skills to consult with and analyse clients whilst providing ultrasound treatments. In parallel, learners will develop their communication and customer service skills and widen their knowledge of the principles and practices of level 4 non-medical aesthetic therapies, all of which are valued highly by employers.

2.3 Why is this qualification the most suitable?

This qualification is one of a new suite of level 4 advanced non-medical aesthetic therapies developed as a progression route for level 3 practitioners wishing to add to their repertoire in specific treatment modalities.

2.4 What could this qualification lead to?

The primary purpose of this qualification is to prepare learners for employment in the advanced non-medical aesthetic industry providing ultrasound techniques. Additionally, learners may choose to further develop their knowledge and skills by completing supplementary specialist qualifications at level 4 in one or more of the following areas:

- Radio frequency
- Skin needling
- Skin peeling

3. Qualification structure

To be awarded the VTCT (ITEC) Level 4 Certificate in Ultrasound learners must achieve:

- all mandatory units
- all assignments/projects
- all clinical case studies
- a pass or (higher) grade in the external theory examination*
- a pass or (higher) grade in the external practical examination*

*Please note all clinical case studies and assignments must be completed and marked as passes **before** the learner can be entered for examination.

The minimum TQT required to achieve this qualification is **170**.

VTCT product code	Unit title	Level	GL	Unit reference number
Mandatory units				
UBT273	Principles and practice of non-medical aesthetic therapies	4	14	T/616/8604
UBT274	Advanced consultation for non-medical aesthetic therapies	4	23	A/616/8605
UBT275	Advanced skin care for non-medical aesthetic therapies	4	34	F/616/8606
UBT279	Provide ultrasound treatments	4	52	L/616/8611

4. Centre requirements

4.1 Approval and recognition

For existing centres, this qualification is part of the Non-Medical Aesthetics Therapies qualifications that are defined as an additional suite. These must be applied for using the Approval Application – Level 4 & 5 Non-Medical Aesthetic Therapies Qualifications form and will be subject to an approval visit which will be charged in line with published fees.

New centres that want to deliver this qualification must gain both centre approval and qualification recognition. Please refer to the VTCT or ITEC websites for further information.

Centre staff should be familiar with current practices and standards in the sector and with the qualification structure, content, assessment and quality assurance arrangements before designing a course programme.

4.2 Resources

Centres must possess the physical resources needed to support the delivery of the programme and the assessment of knowledge and skills, which should therefore be of industry standard. Specific resources required for this qualification should include (but are not limited to):

- a minimum of 1 couch and 1 trolley per learner
- products, materials and equipment as appropriate to class numbers in order to practice sufficiently to meet relevant learning outcomes and assessment criteria in the qualification
- machines as appropriate to class numbers in order to practise sufficiently to meet all relevant learning outcomes and assessment criteria in the qualification

It is the centres responsibility to ensure:

- all equipment used conforms to EU-Electromagnetic compliance Directive 2014/30/EU, EU-low voltage Directive 2014/35/EU and the Electrical Equipment (Safety) Regulations 1994/2016 as applicable
- products used are those approved by EU Cosmetics Regulations for cosmetic use by practitioner
- adequate insurance is in place, as recommended by industry, at all times, to include cover for all learners, staff and clients attending VTCT courses.

4.3 Teaching staff

In order to deliver this qualification, teaching staff must:

- be occupational experts and have knowledge and understanding in the area for which they are delivering training. This knowledge must be at the same level as, or higher than the training being delivered
- hold an appropriate qualification or accredited training in the subject to be taught. In the absence of a regulated qualification, staff members will be required to demonstrate Continued Professional Development (CPD) with accredited training providers, for each qualification that the approval application lists. Staff would then be required to agree to update their training to a full qualification within 18 months of being approved to deliver. If for any reason the staff member fails to achieve the qualification, the centre would be required to find another competent member of staff to deliver the program or forfeit the right to deliver the qualification.

- understand the qualification's structure and content, and the learning outcomes they are delivering
- have relevant and current industry experience in the specific area they are delivering
- have credible experience of teaching and/or providing training
- undertake activities which contribute to their Continuing Professional Development (CPD)

4.4 Internal assessment

The lecturer/internal assessor will assess and mark the assignments/case studies and the VTCT (iTEC) external examiner will verify a sample, either in situ on the day of the practical and theory examination or remotely on e-portfolio.

The centre assessors must ensure assessment decisions are consistently applied and that learner work is to the required standard. Each assessor's work will be checked and confirmed by the examiner. Assessment decisions must be standardised to ensure that all learners' work has been assessed to the same standard and is fair, valid and reliable.

4.5 Record keeping

Centres must produce and retain records that include:

- learners on programme, including learner name, date of birth, contact details, lecturer/assessors
- assessment plans
- learner assessment records detailing who assessed what and when, the assessment methods used, the location of the supporting evidence, and the assessment decision/grade awarded with supporting evidence

4.6 Total Qualification Time (TQT)

TQT is defined by regulators as the number of notional hours which represents an estimate of the total amount of time that could reasonably be expected to be required in order for a learner to achieve and demonstrate achievement of the level of attainment necessary for the award of a qualification.

TQT is comprised of the following two elements:

- the number of hours which an awarding organisation has assigned to a qualification for Guided Learning, and
- an estimate of the number of hours a learner will reasonably be likely to spend in preparation, study or any other form of participation in education or training, including assessment, which takes place as directed – but, unlike Guided Learning, not under the immediate guidance or supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training

The TQT for this qualification is detailed in Section 3 of this specification.

5. Assessment

5.1 Summary of assessment methods

This qualification comprises internal and external assessments. Learners must achieve the assessments detailed in the table below.

Assessment method	Overview of controls
External theory examination (UBT279)	Externally set and externally marked examination. The examination assesses knowledge and understanding from the breadth of the mandatory treatment specific unit at the end of the period of learning.
External practical examination (BT4C7.PE1)	Externally set, examined and marked by an external examiner. Overarching examination that assesses the learner's technical skills and abilities. The practical examination will take place at the end of the period of learning.
Assignment/project work	Externally set and internally marked. The assignments or projects do not contribute to the overall grade, but contribute to the assessment outcome of the qualification. This is a prerequisite evidence requirement which must be completed prior to learners undertaking the external graded examinations.
Clinical case studies	Externally set and internally marked. The case studies do not contribute to the overall grade, but contribute to the assessment outcome of the qualification. This is a prerequisite evidence requirement which must be completed prior to learners undertaking the external graded examinations. The case studies can be evidenced as the treatments conducted during training.

Internal assessment materials are available to download from the VTCT and ITEC websites. See Appendix 1 for detailed information on assessment controls.

5.2 Unit assessment methods

The table below identifies the assessment methods used to assess mandatory units.

Unit product code	Assignment/ project	Clinical case studies	External theory examination	External practical examination
UBT273	✓			
UBT274	✓			✓
UBT275	✓			✓
UBT279		✓	✓	✓

5.3 Contribution of assessment to the overall qualification grade

Whilst all units and assessments contribute to the assessment outcome of the qualification, only the external theory and practical examination contribute to the overall grade of the qualification. The table below outlines the grading model for each assessment method and the contribution of each to the overall qualification grade.

Assessment method	Grading model	Contribution to the qualification grade
External theory examination (UBT279)	Fail, Pass, Merit, Distinction	50%
External practical examination (BT4C7.PE1)	Fail, Pass, Merit, Distinction	50%

5.4 External assessment

Learners are required to be on-programme for a minimum of 14 weeks from registration/enrolment before they are entered into the practical and theory examinations.

5.4.1 External theory examinations

Theory examinations are externally set and externally marked by the awarding organisation.

5.4.2 Test specification

The specification for the external theoretical examination is detailed below.

External theory examination (UBT279)	
Availability (Exam sessions)	To be taken on the scheduled date for examination purposes as agreed by the awarding organisation. Available to sit online.
Assessment controls	<i>Task setting - high control.</i> The external examination is set and marked by the awarding organisation. <i>Task taking – high control.</i> The examination must take place under controlled examination conditions. Centres must ensure that learners are suitably prepared for assessment. <i>Task marking – high control.</i> The examination is marked by the awarding organisation.
Grading model	Pass = 450 points Merit = 500 points Distinction = 550 points
Units covered	UBT279 Provide ultrasound treatments
Contribution to overall qualification grade	50%
Type of examination	Multiple choice questions to cover the assessment criteria within the unit.

Learners, based on marks achieved in the examinations, are awarded points that contribute to the overall qualification grade.

Examinations must be undertaken by learners under controlled examination conditions in accordance with VTCT's policies and procedures for external assessment.

5.4.3 Retaking external theory examinations

Learners who fail to achieve the required Pass mark are permitted to re-sit after having sufficient teaching and additional study time.

There is no limit to the number of retakes a learner can carry out.

5.4.4 Reasonable adjustments and special considerations

Information on the reasonable adjustments allowed for the external examinations within this qualification can be found in the Policies section on the VTCT and iTEC websites.

5.4.5 External practical examination

Practical examinations are externally set, externally examined, graded and quality assured by VTCT. Information on how to operate practical examinations can be found on the VTCT and ITEC websites.

In preparation for the external practical examination, centres are advised to ensure learners have carried out a series of clinical case studies comprising of complete practical treatments, in accordance with the awarding organisations marking criteria, which must be observed and marked by the centre lecturer/assessors. All treatments must be deemed commercially acceptable by the centre lecturer/assessors.

It is essential centres use the Practical Examination Criteria document in order to make assessment judgments when preparing for examinations. This can be found on a secure portal area on the VTCT and ITEC websites.

The practical examination preparation must take place in a realistic working environment on a real client and in a commercially acceptable time frame for each mandatory unit that contains a practical element.

External practical examination (BT4C7.PE1)	
Availability (Exam sessions)	To be taken on the scheduled date for examination purposes as agreed by the awarding organisation and invigilated by an external examiner.
Assessment controls	<i>Task setting - high control.</i> The external practical examination is set and examined by the awarding organisation. <i>Task taking – high control.</i> The examination must take place under controlled examination conditions. Centres must ensure that learners are suitably prepared for assessment. <i>Task marking – high control.</i> The examination is marked by the awarding organisation.
Grading model	Pass = 450 points Merit = 500 points Distinction = 550 points
Units covered	UBT274 Advanced consultation for non-medical aesthetic therapies UBT275 Advanced skin care for non-medical aesthetic therapies UBT279 Provide ultrasound treatments
Contribution to overall qualification grade	50%
Type of examination	Practical examined assessment
Practical skills examination sequence (approximately 1 hour)	<ol style="list-style-type: none">1. Examiner must be shown evidence of a skin sensitivity test and initial consultation2. Assist client onto the couch and carry out the treatment consultation

	<ol style="list-style-type: none"> 3. Prepare the area for treatment 4. Take pre-treatment photograph 5. Check the machine 6. Perform a pre-treatment test 7. Perform treatment 8. Apply aftercare including post-treatment photograph 9. Give home care advice <p>Oral questions may be asked at any time during the examination. Consultation forms must be filled in by each learner for the unit and made available for the external examiner to check. These should be reviewed and completed at the end of the treatment and will be taken away by the external examiner.</p> <p>Learners will be expected to demonstrate excellent hygiene and client care throughout as well as competence in their relevant skills. The external examiner may reduce the treatment timings, as the examination is a demonstration of the learner's professionalism and their accomplished technique.</p> <p>Approximate time allocated for changeover of practical examination groups is 15 minutes.</p>
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5.4.6 Retaking external practical examination

Learners who fail to achieve the required Pass mark are permitted to re-sit after having sufficient teaching and additional study time.

5.4.6 Clinical case studies/treatment portfolio

The clinical case studies/treatment portfolio is an evidence requirement which must be completed prior to learners undertaking the practical and theoretical examinations. The case studies can be evidenced from the treatments conducted during training. They do not need to be additional to the treatments completed during training. Each treatment delivered should be documented as an individual case study.

The awarding organisation specifies the amount of clinical case studies to be carried out and evidenced in the portfolio within the unit specifications. These can be found on the VTCT and ITEC websites on the relevant qualification page.

The clinical case studies/treatment portfolio can be used as a confirmatory and formative assessment to prepare learners for the practical and theoretical examinations. The purpose of this portfolio is to evaluate learner performance and use the information gathered to shape and improve learners' performance in preparation for summative examination. Centres should also consider the use of formative self and peer assessment as part of the learning journey.

Whilst the clinical case studies/treatment portfolio do not contribute to the overall grade, they will be marked pass or fail by the centre lecturer/assessor and sampled by the external examiner.

6. Grading

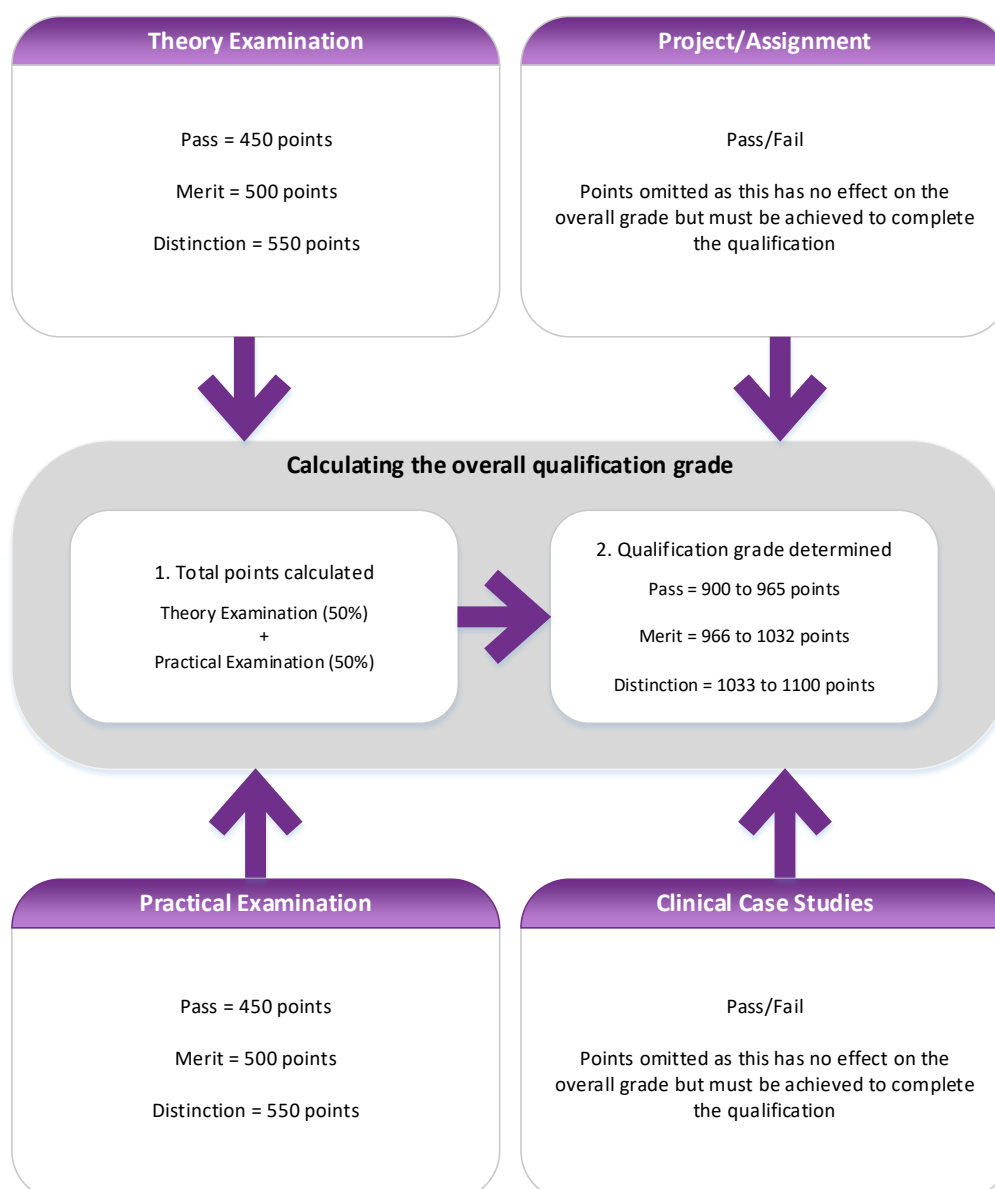
6.1 Overview

This qualification is graded Pass/Merit/Distinction.

The grading model employed in this qualification differentiates learner performance and in particular recognises high achievement.

There are two separate components in the grading model for this qualification, a graded external theory examination and a graded external practical examination. Each component contributes 50% to the overall qualification grade. Points are allocated to the two components and typically these will be in a ratio of 50:50 for these two components, the exact weighting for the qualification is stated below.

Learners must achieve a Pass grade or higher in the external theory and practical examinations. The grades achieved in each assessment correlate to points. These points will then be added together to determine the overall grade of the qualification, as depicted below:



6.2 Grade boundary review

Grade boundaries for units and the overall calculation for the qualification grade are open to annual review. Following this review, these boundaries and overall calculations can be adjusted by VTCT. This review and possible change within a qualification are to ensure the standard of the qualification grade is upheld throughout the qualification's lifecycle.

7. External Examiner

7.1 External Examiner visits

This qualification is externally examined by the awarding organisation. Centres delivering this qualification will have a quality assurance visit each time an examiner visits the centre.

On a centre visit an examiner:

- examines all learners entered for the external practical examination
- samples learners' internal assessments
- verifies that appropriate staff and sufficient resources are in place, and that the centre is continuing to meet the criteria specified in the centre contract
- checks that the centre's policies and procedures continue to meet the awarding organisation's requirements
- Verifies internal assessments

7.2 Spot checking

In addition to the scheduled practical examination visits, targeted and unannounced spot checks of centres delivering this qualification will be undertaken as part of the awarding organisation's formal quality assurance process.

7.3 Support and guidance

Unit specifications, consultation sheets, assessment records and internal assessment materials are available to support qualification delivery and assessment.

For more information, visit the VTCT and ITEC websites (www.vtct.org.uk, www.itecworld.co.uk).

8. Unit structure

Units are available as separate specifications and can be downloaded from the VTCT and iTEC websites. Units that make up this qualification are structured as follows:

Product code	The code allocated by the awarding organisation. This should be used when communicating directly with the awarding organisation.
Title	Reflects the content of the unit.
Unit reference number	This is the unit reference number as detailed on Ofqual's Register of Regulated Qualifications.
Level	This represents the level of achievement. The National Qualifications Framework level descriptors and similar qualifications at this level inform the allocation of the unit level.
Guided Learning (GL) hours	All units have GL assigned to them. This is the time a learner spends: <ul style="list-style-type: none">• being taught or given instruction by a lecturer, tutor, supervisor or other appropriate provider of education or training.
Overview	Provides a summary of what learners will cover in a unit, and outlines the knowledge, understanding and skills to be developed.
Learning outcomes	Specify what a learner will know, understand and be able to do as a result of completing a unit.
Unit content	Provides the basis for the teaching, learning and assessment of each learning outcome. Lecturers should ensure that the full breadth of unit content is delivered.
Assessment criteria	Assessment criteria specify the minimum standard required by the learner to achieve the relevant grade. Learners must provide sufficient and valid evidence to achieve the grade.

9. Appendix 1 – Assessment controls

A1.1 Assessment controls for clinical case studies and practical examinations

The following assessment controls relate to the non-graded clinical case studies and the graded practical examinations.

TASK SETTING – high control

The awarding organisation specifies the amount of clinical case study treatments to be undertaken and the components that must be covered in the clinical case studies and the external practical examination.

TASK TAKING – high control

Time (externally defined): Time is explicitly stated where appropriate. In some cases, clients may vary significantly in their presentation and therefore, it is not appropriate to specify assessment time. Lecturers/assessors, however, must ensure that the entire treatment is completed in a commercially acceptable time frame. The exact time taken must be documented.

Environment (externally defined): Clinical case studies and practical examinations must take place in a realistic working environment on a real client.

Resources (externally defined): Learners must be given access to the full range of products, tools and equipment required to carry out the clinical case studies and practical examinations. These are detailed in section 4 of this specification.

Supervision/Authenticity (externally defined): The clinical case studies must be supervised at all times by a lecturer/assessor.

Collaboration (externally defined): Whilst learners can work in groups to practise and prepare for examination, the practical examination itself is an assessment of individual learner performance and does not permit collaboration or discussion between learners.

Feedback (externally defined): Learners will not receive immediate feedback from the examiner. All examination outcomes and final grades will be confirmed with the centre within 6 weeks.

TASK MARKING – medium control

Centre lecturers/assessors will mark all unit assignments and clinical case studies as either pass or fail. Evidence of clinical case studies and assignments are subject to external verification during the scheduled examination visit.

A1.2 Assessment controls for the theory examination

TASK SETTING – high control

The awarding organisation publishes a theory examination for this qualification. These will be provided and marked by the awarding organisation. The examination will consist of multiple-choice questions.

TASK TAKING – high control

Time (externally defined): The awarding organisation specifies the maximum time permitted for a theory examination.

Environment (externally defined): The theory exam must be taken under standard examination conditions.

Feedback (externally defined): Learners will receive immediate feedback if undertaking the examination online. All examination outcomes and final grades will be confirmed with the centre within 6 weeks.

Document History

Version	Issue Date	Changes	Role
v1.0	01/05/2018	First published	Qualifications Manager
v2.0	17/09/19	Non-medical added to aesthetic	Qualification Administrator
v3.0	03/12/2019	Added grade boundary review	Qualification Administrator
v4.0	17/03/2020	Clarified content on pre-requisites and case studies	Product and Regulation Manager
v5.0	01/09/2020	Added COVID-19 Infection Prevention pre-requisite	Product and Regulation Manager
V6.0	01/08/2022	Removed COVID-19 Infection Prevention pre-requisite	Product and Regulation Coordinator