



**Arrangements for:
National Certificate in Photography
at SCQF level 6**

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SQA acknowledges the valuable contribution that Scotland's colleges have made to the development of National Qualification Group Awards.

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1 Introduction

This is the Arrangements Document for the National Certificate (NC) in Photography at SCQF level 6, which was validated in December 2011. This document includes: background information on the development of the Group Award, its aims, guidance on access, details of the Group Award structure, and guidance on delivery.

This Group Award is designed to meet the needs of candidates who wish to develop a foundation of the photographic knowledge and skills required for progression to more advanced levels of study in photography. It is also suitable for those who wish to prepare themselves for initial entry to employment within the photo-imaging sector. Candidates will have opportunities to develop vocational and employability skills relevant for posts such as an assistant photographer, photographic lab technician or retail assistant.

The Group Award is designed to provide candidates with an opportunity to develop both creative and technical skills in a variety of traditional and current disciplines that relate to photography and other creative industries. The Group Award is also intended to develop candidates' level of awareness and appreciation of the basic technical and creative practices used in a variety of subject specialist areas, together with experience of co-operative working, presentation, exhibition and self-promotion skills.

Candidates will study a range of photographic disciplines. Key areas covered are: basic digital single reflex camera skills, digital file management, digital file manipulation and digital asset management, basic studio skills both in portraiture and still-life photography, close-up photographic techniques, portfolio production and traditional analogue/silver halide imaging.

The intention is to provide candidates with a broad foundation of basic photographic skills and experiences. It is a practice based programme of study that will develop candidates' tertiary level vocational skills, Core Skills and soft skills. It will also develop study skills relevant to successful articulation to Higher Education (HE) level study and/or employment at trainee level.

2 Rationale for the development of the Group Award

The National Certificate in Photography at SCQF level 6 meets sector needs for provision of a non-advanced or preparatory level National Qualifications programme which will ensure consistency of standards throughout delivering centres and provide candidates with a relevant course of study leading to a nationally recognised award that is representative of their achievement.

The Higher National Certificate (HNC) and Higher National Diploma (HND) in Photography course frameworks (SCQF level 7 & 8) were comprehensively revised and up-dated in 2006 and will be subject to a minor review in 2012. Centres' experience indicates that there is great value in candidates completing a lower level of study prior to entry and in having experienced a comparable course structure, content and pedagogy. As such the selection of mandatory Unit elements of the NC framework both complements and prepares candidates for those used in the HNC/HND framework. The value of such preparation was confirmed through consultation carried out by the Qualification Design Team (QDT).

Both employers and centres offering Higher Education level study in photography were consulted during the design of the National Certificate in Photography at SCQF level 6. 83% of colleges offering Higher National Diploma level photography courses considered that candidates entering Higher National (HN) level study were more able and more appropriately prepared for HN level study after completing a preparatory programme at a lower level and that this approach ultimately represented a good starting point for a career at trainee level in the photo-imaging sector. The majority of employers responding also considered a National Certificate in Photography to be a significant qualification when recruiting at trainee level while acknowledging that a more advanced level qualification would be required for more demanding posts.

The findings supported the key concept that the National Certificate in Photography at SCQF level 6 is principally intended to prepare candidates by developing a foundation of basic specialist knowledge and skills and an opportunity to achieve a basic set of study and Core Skills. The framework is designed to achieve this while keeping up to date with the rapid pace of technological change within the photo-imaging sector as a whole.

Consultation with and data from Skillset, the sector skills council for the Creative Industries, reinforces the importance of candidates acquiring a level of adaptability and an ability to respond to rapid technological change, allowing them, 'to create content across multiple platforms' and to undertake the 'diagonal thinking' * required to fill skills gaps within the sector.

**(Current Skills needs, Sector Skills assessment for the Creative Industries in the UK, p40 sec. 3.1, Skillset 2011)*

To respond to this need, three new digital photography Units have been developed which include a research component, which not only reflects HNC/HD Unit design, but also offers candidates opportunities to review current technologies in relation to photographic and wider creative industries practice. Skillset data revealed that amongst 'freelancers' within the photo-imaging sector, 60% experience a skills gap in the use of such multi platform software packages. It is hoped that the inclusion of these new, mandatory Units will not only provide candidates with good basic foundation of vocational knowledge, but also the ability to research and evaluate the potential of a range of programmes.

Employer survey feedback also reflected the need for candidates to be able to think 'diagonally', and identified a need for proficiency in practical problem solving and research and enquiry skills. The inclusion of research and evaluation Outcomes within the new Units are intended to equip candidates with these skills and will also address wider employability and future study issues.

A key design concept underpinning the framework is a holistic and incremental approach to delivery of learning and teaching via the adoption of non-prescriptive, yet robust Evidence Requirements covering key competences to ensure a common standard. Such an approach will provide centres with opportunities to devise and deliver a curriculum that will not only provide a uniform, high quality national award, but also an experience which is relevant, engaging and which develops candidates' creative practice, vocational, core and study skills.

2.1 Establishing the level of the Group Award

This Group Award is levelled at SCQF level 6 for the following reasons:

- ◆ Industry feedback suggests this as the minimum skills level required for direct entry to employment at trainee level.
- ◆ The National Certificate is designed to prepare candidates for successful progression to SCQF level 7 Higher National Certificate and then SCQF level 8 Higher National Diploma.

3 Aims of the Group Award

3.1 Principal aims of the Group Award

- 1 To develop specialist vocational skills for photography.
- 2 To develop a basic understanding of interdisciplinary connections between the various subject areas within photography and the photo-imaging sector.
- 3 To develop candidates' critical thinking capacity and reflective evaluation processes within the photo imaging sector.
- 4 To develop candidates' creative processes and visual language.
- 5 To refine and demonstrate applied knowledge of a range of photographic skills with particular reference to digital imaging.
- 6 To provide a basic knowledge of the processes and disciplines within the photo-imaging sector.
- 7 To provide candidates with an understanding of current developments within photographic practice.

See Appendix 1 for Mapping of principal aims to Units.

3.2 General aims of the Group Award

- ◆ To develop research and presentation skills.
- ◆ To develop skills related to National Occupational Standards and so enhance candidates' employment prospects.
- ◆ To provide academic stimulus and challenge, and foster an enjoyment of the subject.
- ◆ To develop candidates' knowledge and skills such as planning, analysing and synthesising.
- ◆ To develop transferable skills, including Core Skills, to the levels demanded by employers and for progression to HNC/HND.
- ◆ To prepare and enable candidates' progression within the Scottish Credit and Qualifications Framework.
- ◆ To prepare candidates to conduct project work involving the organisation, integration and application of a variety of skills within a within a given time frame
- ◆ To prepare candidates to achieve a consistent level of quality of work within a given time frame.
- ◆ To develop the ability to be flexible and to work cooperatively with others.
- ◆ To develop specialist vocational skills taking account of relevant health and safety considerations.

3.3 Target groups

The framework is designed to accommodate the needs of school leavers, adult returners who desire a change of career and those candidates who wish to further an existing interest in photography fostered in foundation level, school or leisure courses.

The design and recommended delivery of this framework recognises that the target group for this award may have the following characteristics:

- ◆ Candidates who have limited formal attainment and therefore require to develop and strengthen their practical photographic, communication and study skills for progression purposes.
- ◆ Candidates who hold the necessary qualifications for progression to advanced study or employment, but require exposure to a broader range of photographic contexts to produce a quality portfolio for interview purposes.
- ◆ Candidates who possess a diverse range of skills from life and work experience in addition to their qualifications, but who lack confidence in their ability to learn and progress on returning to formal education. Adult returners may also need targeted subject specific skills development (eg basic computer skills) to take account of new technologies and working practices.
- ◆ Candidates who require extended support for learning due to a specific disability or support need.

3.4 Employment opportunities

Employment opportunities within the photo-imaging sector exist, in the majority of cases, in the form of self-employment as a photographer and as such would be more appropriate upon completion of higher level courses. Employment opportunities available after completing a National Certificate in photography are likely to be in the form of a trainee, retail assistant or as an assistant-photographer.

Consultation with employers during the design and development of this framework indicated that the majority considered the National Certificate in Photography to be a significant qualification when recruiting. A small proportion also suggested that a more advanced level of study was required and that appointment of candidates holding a NC qualification would be at trainee level only.

The National Certificate in Photography at SCQF level 6 is designed to develop not only photographic skills but also key employability and Core Skills.

4 Access to the Group Award

The National Certificate in Photography at SCQF level 6 is open to everyone but is in particular, is aimed at attracting young people who may have left school relatively recently and mature adults re-entering education. Ideally, applicants should have some degree of aptitude for and genuine interest in photography that can be nurtured and developed over the course of the programme.

While access will be at the discretion of centres, it would be beneficial if candidates possessed one of the following:

- ◆ Three Standard Grades at band three, General or above (which would ideally include English and Art & Design or ICT subject) or equivalent.
- ◆ Work experience in the photo-imaging sector

Direct entry to the programme could be offered to those applying with equivalent qualifications from other countries, providing the competencies can be identified and are appropriate. Where English is not the first language of the candidate, it is recommended that they possess a relevant qualification in *English for Speakers of Other Languages* or have equivalent competency.

Applicants who do not meet any of the given criteria for entry but can show their aptitude and interest with examples of photographic work (portfolio) should still have an opportunity to access the course at the discretion of the centre.

5 Group Award structure

5.1 Framework for the National Certificate in Photography at SCQF level 6

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Mandatory section (total 8 credits)				
Digital Photography: Basic File Optimisation	FR2F 12	6	6	1
Digital Photography: Workflow and Creative Manipulation	FR2H 12	6	6	1
Digital Photography: Image Manipulation and Print	FR2G 12	6	6	1
Photography: Basic Camera Techniques	F8KH 12	6	6	1
Photography: Portraiture Skills	F51P 12	6	6	1
Studio Photography: An Introduction	FR2D 12	6	6	1
Photography: Portfolio Production	FR2E 12	12	6	2
Optional section (total 4 credits) Candidates must select 4 SQA credits from the following group:				
Information and Communication Technology	F3GC 11	6	5	1
Numeracy or Numeracy	F3GF 11 H225 75	6 6	5 5	1 1
Communication or Literacy	F3GB 11 H23W 75	6 6	5 5	1 1
Photography: Camera Techniques	F51S 12	6	6	1
Media: Photography	F580 11	6	5	1
Photography: Portraiture Skills	F51N 11	6	5	1
Photography: Reportage	F8KL 12	6	6	1
Monochrome Film Processing and Printing	FV1D 12	6	6	1
Art and Design: Web Content	F5BP 11	6	5	1
Photography: Research Project	F8KJ 12	6	6	1
Photography: Location 2	FV19 12	6	6	1
Photography: Magnified Image Skills	F51T 12	6	6	1
Photography: Manipulative Processes	FV1A 12	6	6	1
Photography: Creative Image Making Techniques Or Photography: Contextual Imagery	F8KK 12 H4KV 76	6 6	6 9	1 1.5
Photography: An Introduction	D952 11	6	5	1
Photography: Digital Imaging Or Photography: Image Making	F8KM 12 H4KT 76	6 6	6 9	1 1.5
Photography: Basic Product Imaging	F51R 12	6	6	1
Art and Design: Video Project	F5C4 12	6	6	1
Art and Design: Contextual Studies	F5CF 12	6	6	1
Art and Design: Visual Presentation	F9XE 13	7	8	1

Candidates will be awarded the NC in Photography at SCQF level 6 on completion of all of the eight credits listed in the mandatory section and four credits from the optional section. The whole award equates to 12 SQA credits of learning. (72 SCQF credit points)

5.2 Mapping information

Core Skills Entry Profile

It is recommended that candidates should possess the following Core Skills profile on entry:

Core Skill	Level
Communication	Level 4
Problem Solving	Level 4
Working with Others	Level 4
Numeracy	Level 4
Information and Communication Technology (ICT)	Level 4

Where candidates do not come with an existing Core Skills profile, it is recommended that the centre consider carrying out a Core Skills profiling exercise in order that targeted support may be offered to candidates who require it.

Exit Profile

Candidates who achieve the National Certificate in Photography at SCQF level 6 will have opportunities to develop Core Skills to the following levels as a minimum:

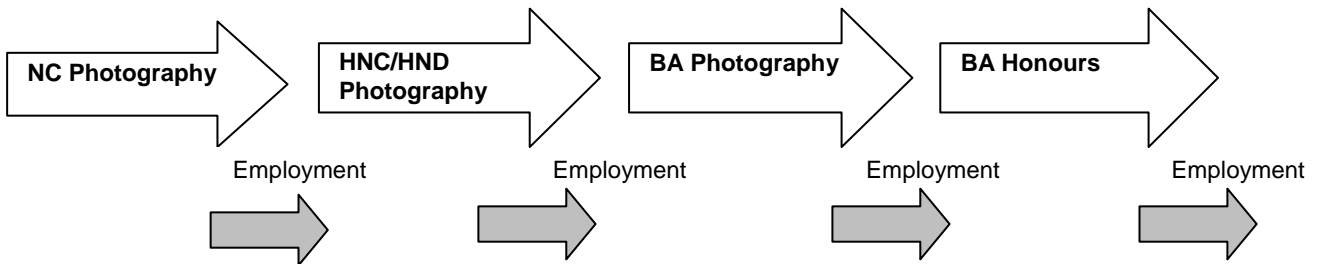
Core Skill	Level
Communication	Level 5
Problem Solving	Level 6
Working with Others	Level 5
Numeracy	Level 5
Information and Communication Technology (ICT)	Level 5

Candidates achieving the NC in Photography at SCQF level 6 will gain automatic certification of the Core Skills in *Problem Solving* at SCQF level 6 and *ICT* at SCQF level 5 from completing the mandatory section of the Group Award. The optional section of the Group Award offers opportunity for certification of the discrete Core Skills Units of *Numeracy*, and *Communication* at SCQF level 5. In addition the remaining Core Skills are signposted within the Units.

See Appendix 2 for Core Skills mapping of the National Certificate in Photography at SCQF level 6.

5.3 Articulation and professional recognition

Well defined progression routes to HNC/HND and subsequently to degree level courses are in place as shown below.



Units within this framework are aligned to a range of National Occupational Standards, specified by Skillset, which reflect the essential, basic skills required by current and future photographic practitioners.

See Appendix 3 for Mapping of Units to National Occupational Standards.

Professional recognition

Professional bodies that have endorsed or recognised the value of the National Certificate in photography include the Association of Photographers, British Institute of Professional Photographers and Skillset Scotland. In addition to these, individual practitioners from disciplines as diverse as medical illustration and commercial advertising photography have supported the content and design ethos of the programme.

6 Approaches to delivery and assessment

The focus of delivery and assessment will be mainly on practical activities, delivered through a series of lectures, discussions, practical workshops, fieldtrips and practical project work involving self directed study. As this award is at SCQF level 6, support should be embedded not only during the delivery of the assessed Units but also during guidance and tutorial sessions. The learning content will increase the candidates' ability to create a quality portfolio of work through which they will develop the confidence to evaluate and critique their own work. It is strongly recommended that candidates should be expected to submit work to meet specified deadlines reflecting the importance placed upon working to deadlines within the creative industries generally.

Visits to exhibitions and photography studios should be encouraged as well as visits from professionals currently working in the sector. The insight into how small companies and practising artists/photographers survive in business gives candidates the opportunity to learn through observation and dialogue with practitioners.

During the learning process the candidate's skills in the following areas will be developed:

- ◆ organising
- ◆ communicating
- ◆ research
- ◆ logical and analytical thinking
- ◆ decision making
- ◆ problem solving
- ◆ co-operating with others (teamwork)
- ◆ vocational adaptability

The main topics of study include:

- ◆ basic camera techniques
- ◆ basic photographic studio techniques
- ◆ digital asset management
- ◆ digital image workflow techniques
- ◆ digital image print output
- ◆ portfolio production and self promotion

The content reflects the needs of candidates to possess a wide range of specialist skills for the photo-imaging sector. This programme of study gives the candidate the opportunity to begin developing these skills and gain the underpinning knowledge necessary for employment as well as to allow for progression to further study. The selection of non-mandatory Units by delivering centres should be considered in the context of the exit point or progression routes of the majority of candidates undertaking the course.

Table 1: NC Photography Exemplar delivery schedule

Unit title	Code	Mandatory/option	Trimester
Photography: Basic Camera Techniques	F8KH 12	Mandatory	1
Studio Photography: An Introduction	FR2D 12	Mandatory	1
Digital Photography: Basic File Optimisation	FR2F 12	Mandatory	1
Communication	F3GB 11	Option	1
Information and Communication Technology	F3GC 11	Option	1
Photography: Manipulative Processes	FV1A 12	Option	1
Digital Photography: Workflow and Creative Manipulation	FR2H 12	Mandatory	2
Photography: Portraiture Skills	F51P 12	Mandatory	2
Numeracy	F3GF 11	Option	1
Monochrome Film Processing and Printing	FV1D 12	Option	2
Photography: Creative Image Making Techniques	F8KK 12	Option	2
Photography: Magnified Image Skills	F51T 12	Option	2
Photography: Camera Techniques	F51S 12	Option	2
Digital Photography: Image Manipulation and Print	FR2G 12	Mandatory	3
Photography: Portfolio Production	FR2E 12	Mandatory	3
Photography: Research Project	F8KJ 12	Option	3
Art and Design: Web Content	F5BP 11	Option	3

NOTE: *The delivery model above contains 18 credits as is common practice in most colleges delivering National Certificate programmes over one year. Centres delivering only the 12 credit NC would be selective in the options offered. Centres can choose the order in which they teach and assess the Units according to their local market needs and resources. However the delivery schedule above is strongly suggested as a model to follow. This sequence of Units will allow candidates to develop skills incrementally and progressively. The suggested schedule also allows for extensive integration of digital imaging elements with photographic Units of study, allowing both a reduction in assessment burden and allows candidates to access resources and support over two timetabled sessions.*

1st Trimester

Broad base underpinning knowledge, terminology and basic techniques in traditional photographic disciplines should be explored early in the programme. Supporting subjects, for example *Basic Camera Techniques* integrated with *Digital Photography: Basic File Optimisation* will allow candidates to establish basic DSLR camera techniques and skills and establish good housekeeping of digital files and their management early in the programme. *Studio Photography: An Introduction* is intended as an opportunity for candidates to learn fundamental skills in studio working, establishing working routines and essential health and safety involved in operating specialist equipment. The skills learned here in portraiture and still-life photography can be developed further later in the programme. It is strongly advised that integration of all Units be exploited with as much contextualisation as possible of non-photographic Units of study.

2nd Trimester

Candidates will gain additional experience by applying knowledge gained in practical project-based assessments that will involve problem solving, critical thinking and the ability to interpret briefs and meet deadlines. *Digital Photography: Workflow and Creative Manipulation* will further develop candidates' software skills. This Unit should assist candidates through the introduction of techniques and processes that should maximise their effective management of digital image files generated during this trimester. Opportunities to integrate Units exist, with skin retouching techniques a potential area that could be integrated with this Unit and *Photography: Portraiture Skills* for example. It is strongly recommended that opportunities to integrate and contextualise Units be exploited.

3rd Trimester

Candidates should develop greater autonomy in practice, producing analytical and evaluative work. This will help them in their development as independent learners. This will also help in the transition from NC to HN level courses. The learning content delivered over the three trimesters should culminate in the candidate selecting and producing a portfolio of work suitable, for example, for entry to HN level.

The suggested delivery schedule allows for each subject to be delivered once a week with each Unit credit delivered in 3 hour sessions over 11 weeks per trimester. The suggested delivery schedule should not be seen as prescriptive but should be used as a guide for delivering centres devising their own programmes.

Delivery could be over 33–36 weeks allowing for self-directed study time or possibly as a part time course delivered two days or nights per week over 1/2 years. Another option could be to offer the NC condensed over 24 weeks as a January start course. Some Units could be delivered one hour per week throughout the year, for example *Numeracy*, *ICT* or *Communication* Units. Whichever mode of delivery is chosen, the integration of Units and sequence of assessments must be taken into account. It is intended that Units will be delivered in an integrated way to contribute to a cohesive and comprehensive coverage of the subjects rather than as a disparate set of Units. This should make for a meaningful learning experience that is valued by candidates.

Table 2: NC Photography Exemplar part-time schedule delivery

Unit title	Code	Mandatory/option	Year	Trimester
Photography: Basic Camera Techniques	F8KH 12	Mandatory	1	1
Digital Photography: Basic File Optimisation	FR2F 12	Mandatory	1	1
Studio Photography: An Introduction	FR2D 12	Mandatory	1	2
Communication	F3GB 11	Option	1	2
Photography: Creative Image Making Techniques	F8KK 12	Option	1	2
Monochrome Film Processing and Printing	FV1D 12	Option	1	2
Photography: Portraiture Skills	F51P 12	Mandatory	1	3
Digital Photography: Workflow and Creative Manipulation	FR2H 12	Mandatory	1	3
Photography: Camera Techniques	F51S 12	Option	2	1
Photography: Manipulative Processes	FV1A 12	Option	2	1
Numeracy	F3GF 11	Option	2	1
Photography: Magnified Image Skills	F51T 12	Option	2	2
Digital Photography: Image Manipulation and Print	FR2G 12	Mandatory	2	2
Information and Communication Technology	F3GC 11	Option	2	2
Photography: Research Project	F8KJ 12	Option	2	3
Photography: Portfolio Production	FR2E 12	Mandatory	2	3
Art and Design: Web Content	F5BP 11	Option	2	3

While part-time delivery schedules are at the discretion of the centres and individuals following them, the table above is recommended as being especially useful for evening and weekend study over an extended period of time (two academic years) where candidates are attending for less than 16 hours per week. To maintain the incremental and progressive design ethos of the full-time model a degree of repetition has been built into this schedule. This will allow candidates to revisit key areas of practice through the scheduling of specific, similar Units in both year one and year two.

NOTE: *The delivery model above contains 18 credits as in the full time model. Centres delivering and candidates completing the 12 credit NC over two years would be selective in the options offered.*

There are opportunities for integrating learning and assessment across the delivery of all Units and where possible a holistic approach should be taken to both delivery and assessment. When using any holistic assessment opportunities then interim deadlines should be set for candidates to follow and schedule their workload effectively.

The recommended assessment strategy focuses on the delivery of practical exercises interspersed with theory to allow candidates to learn the skills through experience. The assessments should encourage candidates to reflect on their work. Software and hardware technology will be used over the course of the programme and candidates should be assessed on their competency using this equipment. Candidates should be well supported by the tutor during class-time. Involvement in regular tutorials, class critiques, peer reviews or one-one with tutors should be used to support the development of critical thinking and evaluation and to help candidates review their progress on an ongoing basis throughout the Units. This will build candidates confidence as they progress through their programme of study.

There may be opportunities for some aspects of the course to be delivered as e-learning and it would be expected that some assessments could be offered via online virtual learning environments. If assessments are delivered in this way then arrangements must be made to ensure that closed-book assessments are conducted under supervision. Any assessment tasks must be relevant to the intended course aims and specific learning Outcomes.

Table 3: NC Photography: Exemplar of Integration and Assessment

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit No 1 Photography: Basic Camera Techniques	<ol style="list-style-type: none"> 1 Describe the basic principles involved in image formation. 2 Identify and describe the basic features of a camera. 3 Produce examples of correctly exposed photographic images to a given brief. 4 Produce examples of effectively composed and framed photographic images to a given brief. 	Integration with Units 2, 3, 4	Practical exercises Theory based assessment (e-learning assessment opportunity)	It is strongly suggested that this Unit be delivered in trimester 1. Practical exercises should be set to allow candidates opportunities to establish basic exposure, aperture, shutter and focal length control. This Unit represents the foundation of candidates' knowledge of camera controls and exposure and as such is the cornerstone of all subsequent photographic Units of study requiring production of camera-based images.
Unit No 2 Studio Photography: An Introduction	<ol style="list-style-type: none"> 1 Research studio still life and portraiture images. 2 Produce simple studio still life and portraiture images. 3 Evaluate the processes involved in the production of studio still life and portrait images. 	Integration with Units 1, 3,4	Practical exercises	It is strongly suggested that this Unit be delivered in trimester 1. Practical exercises should be set to allow candidates opportunities to source, discuss and reflect upon examples of studio still life and studio portrait examples before undertaking practical work.
Unit No 3 Digital Photography: Basic File Optimisation	<ol style="list-style-type: none"> 1 Investigate file management software and techniques. 2 Use appropriate software packages to carry out basic image optimisation and file management. 3 Evaluate the process of file management and software applications. 	Integration with Units, 1, 2, 4	Research/ workbook or report (e-learning assessment opportunity) Practical exercises	It is strongly suggested that this Unit be delivered in trimester 1. Practical exercises should be set to allow candidates opportunities to Research and practice basic file management. This Unit represents the foundation of candidates' knowledge of digital asset management.

Table 3: NC Photography: Exemplar of Integration and Assessment (cont)

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit No 4 Communication	<ol style="list-style-type: none"> 1 Pick out the important ideas and supporting detail in a piece of non-fiction writing. 2 Evaluate a piece of writing (for example, is it clearly laid out, has the writer chosen an appropriate format, does it contain all the information you would need, does it present both sides of a difficult issue, how complete is the information, is it well structured, does it use appropriate images, and does it contain appropriate vocabulary, including technical/specialised words where necessary?) 3 Decide whether or not a piece of writing has achieved its aim or purpose, give evidence for your answer. 	Integration with Units 1, 2, 3, 5, 6	Written, research/workbook or report (e-learning assessment opportunity)	Excellent opportunities for contextualisation and integration with all Units.
Unit No 5 Information and Communication Technology	<ol style="list-style-type: none"> 1 Select and start up application software/ use onscreen help to assist you/ enter and edit data/ locate and integrate information from a range of local or remote data sources/apply a search strategy to find information/ evaluate the information found against a set of criteria/ evaluate search strategy/ present the information in an appropriate mode/ keep data secure. 	Integration with Units 1, 2, 3, 4, 6	Written, research/workbook or report (e-learning assessment opportunity)	Excellent opportunities for contextualisation and integration with all Units.
Unit No 6 Photography: Manipulative Processes	<ol style="list-style-type: none"> 1 Know and apply the techniques of the main manipulative processes used in monochrome photography to produce images; 2 Comply with the safe working practices specified for the activity areas. 	Integration with Units 9,10, 11	Practical exercises	This Unit is an excellent introduction to darkroom environments and working practices. It is recommended that candidates undertake this Unit prior to completing Unit No 10.

Table 3: NC Photography: Exemplar of Integration and Assessment (cont)

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit No 7 Digital Photography: Workflow and Creative Manipulation	<ol style="list-style-type: none"> 1 Investigate a variety of digital Workflow and creative image enhancement Software techniques. 2 Manage digital workflow to a given brief. 3 Enhance digital image files to a given brief. 4 Evaluate the effectiveness of digital asset management and Image Enhancement Techniques. 	Integration with Units 8,12,13	Research/ workbook or report (e-learning assessment opportunity) Practical exercises	It is strongly suggested that his Unit be delivered in trimester 2. Practical exercises should be set to allow candidates opportunities to Research and practice Techniques used to manage a volume of image files and creative enhancement of images.
Unit No 8 Photography: Portraiture Skills	<ol style="list-style-type: none"> 1 Research the photographic styles and techniques used in historical and contemporary photographic portraits. 2 Produce finished photographic portraits in a studio and on location to a given brief. 3 Evaluate the finished photographic portraits. 	Integration with Units, 7	Research/workbook or report (e-learning assessment opportunity) Practical exercises	Practical exercises should be set to allow candidates opportunities to source, discuss and reflect upon examples of studio portrait examples before undertaking practical work. Tutor demonstration and explanation of a range of portraiture techniques should underpin all practical work.
Unit No 9 Numeracy	<ol style="list-style-type: none"> 1 Analyse situations to identify numerical data and relationships to solve problems/ decide what operations to carry out and in what order to solve a problem/ use numerical and statistical concepts/ Carry out sustained calculations or at least one specialised calculation/ interpret data for a single complex graphical form/ select appropriate graphical form and use it to communicate information. 	Integration with Units, 6, 10,	Research/workbook or report (e-learning assessment opportunity) Practical exercises	The reciprocal relationship of Aperture and exposure time along with the calculation of percentage exposure coefficient could be integrated with both the darkroom Units suggested.

Table 3: NC Photography: Exemplar of Integration and Assessment (Cont.)

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit No 10 Monochrome Film Processing and Printing	<ol style="list-style-type: none"> 1 Explain the properties and structure of monochrome materials. 2 Demonstrate understanding of monochrome processing. 3 Produce monochrome prints. 	Integration with Units 6, 9, 11	Practical exercises Theory based assessment (e-learning assessment opportunity)	This Unit integrates well with both manipulative process and creative image making techniques. It is strongly advised that this Unit follows manipulative process in the curriculum.
Unit No 11 Photography: Creative Image Making Techniques	<ol style="list-style-type: none"> 1 Investigate manipulative processes used in photography. 2 Produce a series of manipulated images. 3 Utilise equipment to produce a series of manipulated images. 4 Utilise selected techniques or chemicals to produce manipulated images. 	Integration with Units 6, 10	Practical exercises Theory based assessment (e-learning assessment opportunity)	This is a relatively 'low tech' Unit which offers an interesting candidate experience early in the award structure.
Unit No 12 Photography: Magnified Image Skills	<ol style="list-style-type: none"> 1 Research magnified image making equipment and techniques. 2 Produce a range of magnified images in a studio and on location in response to a given brief. 3 Evaluate the finished images. 	Integration with Units 7, 8, 10, 11	Practical exercises Theory based assessment (e-learning assessment opportunity)	This Unit deals with a specialist photographic area and offers skills and techniques applicable to many illustrative applications.
Unit No 13 Photography: Camera Techniques	<ol style="list-style-type: none"> 1 Demonstrate knowledge and understanding of camera techniques. 2 Produce photographic images to a given brief. 3 Evaluate the finished images. 	Integration with Units 7, 8, 10, 11, 12	Practical exercises Theory based assessment (e-learning assessment opportunity)	It is strongly suggested that this Unit is viewed as an opportunity to consolidate those basic camera techniques gained in trimester 1.

Table 3: NC Photography: Exemplar of Integration and Assessment (Cont.)

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit No 14 Digital Photography: Image Manipulation and Print	<ol style="list-style-type: none"> 1 Research digital file preparation for output and digital output devices. 2 Plan and Produce a series of photographs for a digital portfolio to a given brief. 3 Enhance/manipulate selected digital image files to a given brief. 4 Prepare and output selected digital image files. 5 Evaluate finished image output. 	Integration with Units 15, 16, 17	Research/ workbook or report (e-learning assessment opportunity) Practical exercises	It is strongly suggested that his Unit be delivered in trimester 3. Practical exercises should be set to allow candidates opportunities to research and practice techniques used to prepare and print image files. This Unit specifically could be integrated with the Research Project and Portfolio Production Unit and should contribute considerably to the presentation of the candidate final folio.
Unit No 15 Photography: Portfolio Production (2 credit Unit)	<ol style="list-style-type: none"> 1 Research a variety of uses for a photographic portfolio. 2 Produce an appropriate photographic portfolio. 3 Evaluate the effectiveness of portfolio content and presentation. 	Integration with Units 14, 16	Research/workbook or report (e-learning assessment opportunity) Practical exercises	It is strongly suggested that his Unit be delivered in trimester 3. This Unit specifically could be integrated with the Image Manipulation and Print, and Research Project Unit which could contribute considerably to the quality of the candidate's folio.
Unit No 16 Photography: Research Project	<ol style="list-style-type: none"> 1 Investigate and research a theme in photography in response to a given brief. 2 Use appropriate photographic techniques, materials and equipment in response to the given brief. 3 Produce and present a folio of finished, annotated work in response to the given brief. 4 Evaluate the folio of finished work. 	Integration with Units 14, 15, 17	Research/ workbook or report (E-learning assessment opportunity) Practical exercises	It is strongly suggested that his Unit be delivered in trimester 3. This Unit specifically could be integrated with the Image Manipulation and Print, and Portfolio Production Unit, providing added time and support to these Units.

Table 3: NC Photography: Exemplar of Integration and Assessment (cont)

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit No 17 Art and design: Web Content	<ol style="list-style-type: none"> 1 Describe a variety of examples of art and design web based content. 2 Produce example(s) of art and design web content to a given brief. 	Integration with Units 16	(e-learning assessment opportunity) Practical exercises	It is strongly suggested that this Unit be delivered in trimester 3. Practical exercises should be set to allow candidates opportunities to research and practice web content Generation. It is intended to provide candidates with a practical opportunity to establish a web presence using content derived from the Portfolio Production and Research Project Unit.

Whilst Unit integrations and assessment are at the discretion of the delivering centres, the Qualification Design Team recognise the value of a highly integrated and holistic approach to the teaching, timetabling and selection of Units for inclusion in the NC in Photography at SCQF level 6. These principles have driven the selection of mandatory and optional Units within the framework and the value of an incremental, progressive approach to delivery/assessment that has been identified by all centres involved in the design of the qualification.

To this end the suggested integrations shown above are strongly recommended as providing a highly effective teaching approach and a more 'seamless' candidate experience of photographic education.

7 General information for centres

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.

Internal and external verification

All instruments of assessment used within this/these Group Award(s) should be internally verified, using the appropriate policy within the centre and the guidelines set by SQA.

External verification will be carried out by SQA to ensure that internal assessment is within the national guidelines for these qualifications.

Further information on internal and external verification can be found in *SQA's Guide to Assessment* (www.sqa.org.uk).

8 General information for candidates

This National Certificate in Photography at SCQF level 6 will help you to start to develop creative and technical skills in a wide variety of photographic specialisms. This is a practical, project-based course that will allow you to explore and develop your creative and technical skills using a range of equipment, techniques and specialist facilities. Subjects you will study include: basic camera techniques, digital imaging techniques and software packages, photographic studio working, silver halide imaging, close-up photographic techniques and portfolio/presentation skills.

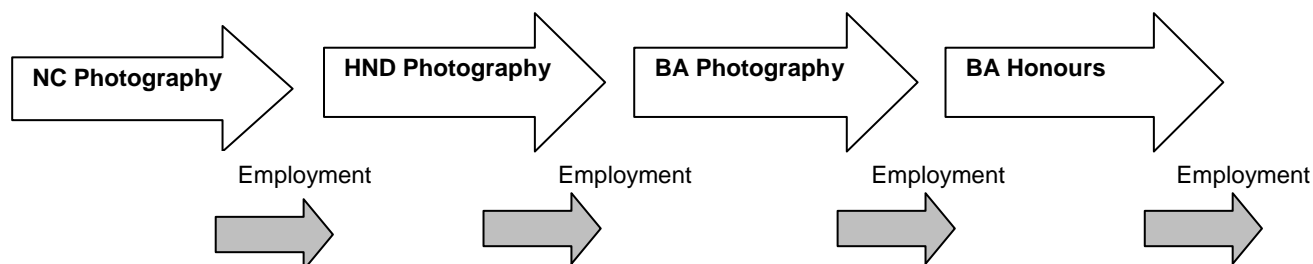
While entry requirements to this course will be decided by the centre, it would be helpful if you possessed one of the following:

- ◆ Three Standard Grades at band three, General, or above (which would ideally include English and Art & Design or an ICT subject) or equivalent qualifications
- ◆ Work experience in the photo-imaging sector
- ◆ Equivalent qualifications from other countries. If English is not your first language, it is recommended that you possess *English for Speakers of Other Languages* or equivalent qualifications or language skills.

If you do not have any of these but can show an aptitude and interest with examples of your photographic work (portfolio) then you may still have an opportunity to do the course.

Progression pathways

Completion of this award will help you to progress to further photography study, such as HNC/HND level and possibly onward to degree level. Entry to these courses is normally subject to successful portfolio submission and interview and a National Certificate will assist you in preparation of both.



Many candidates who have successfully completed a national qualification in Photography have enjoyed success in HND level Photography courses and have successfully continued their studies to BA honours degree level.

Entry to employment or self-employment as a photographer is more likely upon completion of courses at a higher level. Direct entry to employment after a National Certificate in Photography is likely to be as a trainee or as an assistant photographer.

Mandatory Units

Digital Photography: Basic File Optimisation (SCQF level 6)

In this Unit you will undertake basic management and optimisation of digital camera files using current software applications. You will learn how to download, name, store and make basic changes to your images such as sharpening, sizing and cropping along with some minimal retouching of blemishes or sensor artefacts.

Digital Photography: Workflow and Creative Manipulation (SCQF level 6)

This Unit will enable you to manage and enhance digital image files effectively. You will learn to use software and techniques that will allow you to handle large numbers of image files and to save time when managing them in an effective way, enabling you to select and recover images with the minimum of effort.

Digital Photography: Image Manipulation and Print (SCQF level 6)

In this Unit you will learn how to creatively enhance/manipulate digital image files and then prepare them for a variety of final print output options. It will also give you opportunities to develop good practice in producing your own original and well-planned images that could be used to form a portfolio of images to showcase your skills and abilities.

Mandatory Units (continued)

Photography: Basic Camera Techniques (SCQF level 6)

In this Unit you will find out about the basic techniques involved in photography, and develop an understanding of the basic features of digital single lens reflex camera systems. You will be given the opportunity to develop basic knowledge of exposure, composition and framing through the use of interchangeable lenses and SLR camera equipment. This knowledge will form the basis for all your work in making photographic images.

Studio Photography: An Introduction (SCQF level 6)

In this Unit you will learn about a range of basic studio equipment and techniques. You will learn to use electronic flash equipment and how to work in a photographic studio environment, researching, planning and making simple studio portrait and still-life images.

Photography: Portraiture Skills (SCQF level 6)

This Unit will enable you to research styles of photographic portraits from both historical and contemporary periods and apply the knowledge acquired in previous Units of study when planning and making a series of your own portraits in a studio and on location. This Unit also requires you to be reflective and evaluative about your own work, recognising and recording both the strengths and the weaknesses of the images you make.

Photography: Portfolio Production (SCQF level 6)

In this Unit you will work on producing an effective competitive or personal portfolio that will demonstrate your practical and creative skills and broad awareness of photographic styles. This Unit will be very useful if you wish to apply for courses in photography at a higher level that often require a portfolio and interview for entry.

Optional Units

Communication (SCQF level 5)

This Unit is about using reading, writing, speaking, and listening skills in situations in your personal life, at work, and in education. As such it should help you gain a very important set of skills which will assist you get the most from your studies in photography and in future employment where effective communication is one of the most important skills required by employers.

Information and Communications Technology (ICT) (SCQF level 5)

This Unit is about using information and communications technology independently, effectively, and responsibly to access, process, and present information within a range of tasks. This Unit will allow you to consolidate and improve your skills in using ICT that you will be asked to use throughout all aspects of your studies and future employment.

Numeracy (SCQF level 5)

This Unit is about using numerical skills in everyday settings that involve graphical information, calculations, and solving problems. These skills will be useful in your studies and for your future career where being able to work with numbers will be essential. Additionally, numeracy will be a feature of many Units of study within photography courses.

Art and Design: Web Content (SCQF level 5)

This Unit is about the using art and design to publish on the Internet. It has been designed to provide an introduction to how visual and text based material is stored and developed for use on the web and as such will give you a good idea about how your own images could be used in any future website or web-publishing.

Art and Design: Video Project (SCQF level 6)

This Unit is about applying art and design practice within digital video production. This Unit will introduce you to the potential of DSLR camera video and give you the foundation of skills and knowledge of a growing sector of digital photographers practice. To help you to understand the technical and creative processes involved you will analyse a brief, carry out research and development stages and the produce a video sequence.
Photography: Research Project (SCQF level 6)

This Unit will enable you to undertake in a photographic research project in a creative, structured way. You will investigate a photographic theme and use problem solving techniques to produce research material and use a range of techniques discovered through effective research and information gathering. This research will allow you to undertake and present a completed project that incorporates techniques or approaches that may be new to you or which you have not tried or experienced before. You will also have the opportunity to reflect on your own work and research.

Optional Units (continued)

Photography: Creative Image Making Techniques (SCQF level 6)

This Unit will help you to develop a range of image manipulation techniques and gain knowledge of the theory behind them. You will also have the chance to develop your creative practice in producing and evaluating your own original and well-planned images.

Photography: Reportage (SCQF level 6)

In this Unit you will learn the skills involved in producing a photographic essay or photo story. You will have opportunities to develop a theme and explore different ways of making a visual narrative that will inform an audience of the issue or subject you decide to document.

Photography: Digital Imaging (SCQF level 6)

This Unit will help you to develop knowledge and understanding of a range of basic digital techniques. You will also be provided with the opportunity to develop good practice in using digital images generated from a range of sources and when producing your own original retouched images.

Photography: Portraiture Skills (SCQF level 5)

In this Unit you will research styles of photographic portraits from both historical and contemporary periods and ideally apply the knowledge acquired in other Units of study when planning and making a series of your own portraits in a studio and on location. This Unit also requires you to be reflective and evaluative about your own work, recognising and recording both the strengths and the weaknesses of the images you make.

Photography: Basic Product Imaging (SCQF level 6)

This Unit is designed to allow you to firstly research product based images and the techniques used to make them, then, after demonstration and discussion, to produce your own product images in a studio and on location. The Unit requires you to be reflective and evaluative about your own work.

Photography: Camera Techniques (SCQF level 6)

In this Unit you will learn about a range of camera techniques; these will include comprehensive knowledge and skills in the use of all features of Single Lens Reflex cameras and will encourage you to develop good practice when producing images and give you the ability to evaluate your own, original and well planned photography.

Photography: Magnified Image Skills (SCQF level 6)

In this Unit you will research magnified image making and learn how to apply specific, specialist knowledge, skills, techniques and equipment in the production of magnified images in a studio and on location. The Unit requires you to be reflective and evaluative about your own work.

Media: Photography (SCQF level 5)

This Unit will introduce you to the variety of ways that photography can be used in the media. You will have the opportunity to study a range of media photographs and to establish the type, purpose, and compositional features of each. This is a practical Unit in which you will have the opportunity to use this knowledge to identify suitable equipment for different types of photography, and photograph a range of subjects for media purposes.

Photography: An Introduction (SCQF level 5)

This Unit gives you an introduction to the basic principles of photography, including photographic processing and will develop your confidence in loading and operating a basic 35 mm Single Lens Reflex camera and processing and making enlargements from a Black and White film.

Monochrome Film Processing and Printing (SCQF level 6)

In this Unit you will learn about the structure of monochrome materials and acquire the basic skills of film processing and printing. This is a practical Unit that will require you to shoot, process and make a range of monochrome prints.

Photography: Manipulative Processes (SCQF level 6)

This is a specialist Unit that will enable you to acquire knowledge of manipulative processes and their effects and to make a range of creatively manipulated photographic images in a traditional darkroom environment.

Photography: Location 2 (SCQF level 6)

This is a specialist Unit that will extend your knowledge and skills of location photography techniques and equipment. You will carry out a variety of location photography projects and will have opportunities to practice a range of techniques and use location lighting equipment.

9 Glossary of terms

SCQF: This stands for the Scottish Credit and Qualification Framework, which is a new way of speaking about qualifications and how they inter-relate. We use SCQF terminology throughout this guide to refer to credits and levels. For further information on the SCQF visit the SCQF website at www.scqf.org.uk

SCQF credit points: One SCQF credit point equates to 10 hours of learning. NQ Units at SCQF levels 2–6 are worth 6 SCQF credit points, NQ Units at level 7 are worth 8 SCQF points.

SCQF levels: The SCQF covers 12 levels of learning. National Qualification Group Awards are available at SCQF levels 2–6 and will normally be made up of National Units which are available from SCQF levels 2–7.

Dedicated Unit to cover Core Skills: This is a non-subject Unit that is written to cover one or more particular Core Skills.

Embedded Core Skills: This is where the development of a Core Skill is incorporated into the Unit and where the Unit assessment also covers the requirements of Core Skill assessment at a particular level.

Signposted Core Skills: This refers to the opportunities to develop a particular Core Skill at a specified level that lie outwith automatic certification.

Qualification Design Team: The QDT works in conjunction with a Qualification Manager/Development Manager to steer the development of the National Certificate/National Progression Award from its inception/revision through to validation. The group is made up of key stakeholders representing the interests of centres, employers, universities and other relevant organisations.

Consortium-devised National Certificates/National Progression Awards are those developments or revisions undertaken by a group of centres in partnership with SQA.

10 Appendices

Appendix 1: Mapping of principal aims to Units

Appendix 2: Core Skills mapping of the NC in Photography

Appendix 3: Mapping of Units to National Occupational Standards

Appendix 1: Mapping of principal aims to Units

National Certificate in Photography at SCQF level 6		Aim 1	Aim 2	Aim 3	Aim 4	Aim 5	Aim 6	Aim 7
Unit code	Unit title							
FR2F 12	Digital Photography: Basic File Optimisation	✓	✓	✓	✓	✓	✓	✓
FR2H 12	Digital Photography: Workflow And Creative Manipulation	✓	✓	✓		✓	✓	✓
FR2G 12	Digital Photography: Image Manipulation And Print	✓	✓	✓	✓	✓	✓	✓
F8KH 12	Photography: Basic Camera Techniques	✓	✓	✓	✓	✓	✓	✓
F51P 12	Photography: Portraiture Skills	✓	✓	✓	✓	✓	✓	✓
FR2D 12	Studio Photography: An Introduction	✓	✓	✓	✓	✓	✓	✓
FR2E 12	Photography: Portfolio Production	✓	✓	✓	✓	✓	✓	✓
F3GC 11	Information And Communication Technology		✓					
F3GF 11	Numeracy		✓					
F3GB 11	Communication		✓					
F51S 12	Photography: Camera Techniques	✓		✓	✓	✓	✓	
F580 11	Media: Photography	✓	✓	✓	✓		✓	
F51N 11	Photography: Portraiture Skills	✓	✓	✓	✓		✓	✓
F8KL 12	Photography: Reportage	✓	✓	✓	✓		✓	✓
FV1D 12	Monochrome Film Processing And Printing	✓		✓	✓			
F5BP 11	Art And Design: Web Content		✓	✓	✓			
F8KJ 12	Photography: Research Project	✓	✓	✓	✓	✓	✓	✓
FV19 12	Photography: Location 2	✓		✓	✓		✓	✓
F51T 12	Photography: Magnified Image Skills	✓	✓	✓	✓		✓	✓
FV1A 12	Photography: Manipulative Processes			✓	✓			
F8KM 12	Photography: Digital Imaging	✓	✓	✓	✓	✓	✓	✓
F8KK 12	Photography: Creative Image Making Techniques	✓		✓	✓			
D952 11	Photography: An Introduction	✓	✓	✓	✓		✓	✓
F51R 12	Photography: Basic Product Imaging	✓	✓	✓	✓		✓	✓
F5C4 12	Art And Design: Video Project	✓	✓	✓	✓		✓	✓

Appendix 2: Core Skills mapping of the NC in Photography at SCQF level 6
(S) = signposted (C) = certificated

		Communication		Information and Communication Technology (ICT)		Numeracy		Problem Solving			Working with Others	
Unit Code	Unit name	Oral Comm.	Written Comm.	Accessing Information	Providing/Creating Information	Using Graphical Information	Using Number	Critical Thinking	Planning and Organising	Reviewing and Evaluating	Working Co-operatively with Others	Reviewing Co-operative Contribution
FR2F 12	Digital Photography: Basic File Optimisation	Level 5 S	Level 5 S	Level 5 S	Level 5 S			Level 5 C	Level 5 S	Level 5 S	Level 5 S	Level 5 S
FR2H 12	Digital Photography: Workflow And Creative Manipulation	Level 5 S	Level 5 S	Level 5 C	Level 5 C			Level 5 C	Level 5 S		Level 5 S	Level 5 S
FR2G 12	Digital Photography: Image Manipulation and Print	Level 5 S	Level 5 S	Level 5 S	Level 5 S	Level 5 S		Level 6 C	Level 6 C	Level 6 C	Level 5 S	Level 5 S
F8KH 12	Photography: Basic Camera Techniques	Level 4 S										
F51P 12	Photography: Portraiture Skills			Level 5 S	Level 5 S			Level 5 S	Level 5 S	Level 5 S	Level 5 S	Level 5 S
FR2D 12	Studio Photography: An Introduction	Level 5 S	Level 5 S					Level 5 C	Level 5 C	Level 5 C		
FR2E 12	Photography: Portfolio Production	Level 5 S	Level 5 S	Level 5 S	Level 5 S			Level 6 C	Level 6 C	Level 6 C	Level 5 S	Level 5 S
F3GC 11	Information and Communication Technology			Level 5 C	Level 5 C							
F3GF 11	Numeracy					Level 5 C	Level 5 C					
F3GB 11	Communication	Level 5 C	Level 5 C									
F51S 12	Photography: Camera Techniques			Level 5 S	Level 5 S			Level 5 S	Level 5 S	Level 5 S		
F580 11	Media: Photography	Level 5 S	Level 5 S	Level 5 S	Level 5 S						Level 5 S	Level 5 S
F51N 11	Photography: Portraiture Skills			Level 4 S	Level 4 S			Level 4 S	Level 4 S	Level 4 S	Level 4 S	Level 4 S
F8KL 12	Photography: Reportage	Level 5 S	Level 5 S	Level 5 S	Level 5 S			Level 5 S	Level 5 S			
FV1D 12	Monochrome Film Processing and Printing	Level 5 S	Level 5 S			Level 5 S	Level 5 S		Level 5 S			
F5BP 11	Art And Design: Web Content			Level 5 S	Level 5 S			Level 5 S	Level 5 S	Level 5 S		
F8KJ 12	Photography: Research Project			Level 5/6 S	Level 5/6 S			Level 6 S	Level 6 S	Level 6 S		

		Communication		Information and Communication Technology (ICT)		Numeracy		Problem Solving			Working with Others	
Unit Code	Unit name	Oral Comm.	Written Comm.	Accessing Information	Providing/Creating Information	Using Graphical Information	Using Number	Critical Thinking	Planning and Organising	Reviewing and Evaluating	Working Co-operatively with Others	Reviewing Co-operative Contribution
FV1912	Photography: Location 2	Level 5 S	Level 5 S				Level 6 C	Level 6 C		Level 5 S	Level 5 S	Level 5 S
F51T12	Photography: Magnified Image Skills			Level 5 S	Level 5 S		Level 5 S	Level 5 S	Level 5 S	Level 5 S	Level 5 S	Level 5 S
FV1A12	Photography: Manipulative Processes	Level 5 S	Level 5 S			Level 5 S	Level 5 S	Level 5 S		Level 5 S	Level 5 S	Level 5 S
F8KM12	Photography: Digital Imaging	Level 5 S	Level 5 S	Level 5 S	Level 5 S							
F8KK12	Photography: Creative Image Making Techniques	Level 4 S	Level 4 S									
D95211	Photography: An Introduction					Level 4 S	Level 4 S	Level 5 S				
F51R12	Photography: Basic Product Imaging			Level 5 S	Level 5 S		Level 5 S	Level 5 S	Level 5 S	Level 5 S	Level 5 S	Level 5 S
F5C412	Art And Design: Video Project	Level 5 S	Level 5 S	Level 5 S	Level 5 S			Level 5 S				

Appendix 3: Mapping of Units to National Occupational Standards

Units are aligned to a range of aspects of the following National Occupational Standards for Photo Imaging (Skillset).

Mandatory Units

Digital Photography: Basic File Optimisation (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- PI – 16 **Undertake Technical Adjustment of Images**

Digital Photography: Workflow and Creative Manipulation (SCQF level 6)

- Pi – 20 **Undertake Colour Management Procedures**
- Pi – 21 **Undertake Image Asset Management**
- Pi – 22 **Plan, Set-up and Control the Digital workflow**

Digital Photography: Image Manipulation and Print (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- PI – 16 **Undertake Technical Adjustment of Images**
- PI – 17 **Prepare Image Output**

Photography: Basic Camera Techniques (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**

Studio Photography: An Introduction (SCQF level 6)

- Pi – 7 **Undertake Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 23 **Research and Access Images**

Photography: Portraiture Skills (SCQF Level 6)

- PI – 2 **Agree the Photo Imaging Brief**
- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 23 **Research and Access Images**

Photography: Portfolio Production (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 23 **Research and Access Images**
- Pi – 25 **Carry Out the Process of Image Cataloging**
- Pi – 40 **Manage Your Own Resources and Personal Development**

Optional Units

Photography: Camera Techniques (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**

Art and Design: Web Content (SCQF level 5)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi -45 **Develop a Website for Your Business**

Art and Design: Video Project (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 37 **Promote Additional Services or Products to Customers**

Photography: Research Project (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 23 **Research and Access Images**

Photography: Creative Image Making Techniques (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 11 **Mix And Store Processing Chemistry**
- Pi – 8 **Start Up and Shut Down Laboratory Equipment**
- Pi – 13 **Print Photographic Images By Hand**

Photography: Reportage (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 23 **Research and Access Images**

Photography: Digital Imaging (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi -15 **Produce Scanned images**
- P i – 16 **Undertake Technical Adjustment of Images**

Photography: Portraiture Skills (SCQF level 5)

- PI – 2 **Agree the Photo Imaging Brief**
- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 23 **Research and Access Images**

Photography: Basic Product Imaging (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**
- Pi – 23 **Research and Access Images**

Photography: Camera Techniques (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**

Photography: Magnified Image Skills (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**

Media: Photography (SCQF level 5)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**

Photography: An Introduction (SCQF level 5)

- Pi – 12 **Process exposed films**
- Pi – 11 **Mix and Store Processing Chemistry**
- Pi – 8 **Start Up and Shut Down Laboratory Equipment**
- Pi – 13 **Print Photographic Images By Hand**

Monochrome Film Processing and Printing (SCQF level 6)

- Pi – 12 **Process exposed films**
- Pi – 11 **Mix and Store Processing Chemistry**
- Pi – 8 **Start Up and Shut Down Laboratory Equipment**
- Pi – 13 **Print Photographic Images By Hand**

Photography: Manipulative Processes (SCQF level 6)

- Pi – 11 **Mix and Store Processing Chemistry**
- Pi – 8 **Start Up and Shut Down Laboratory Equipment**
- Pi – 13 **Print Photographic Images By Hand**

Photography Location 2 (SCQF level 6)

- Pi – 3 **Plan and Organise Photographic Assignments**
- Pi – 4 **Evaluate and Select Technology and/or Equipment**
- Pi – 7 **Undertake Photographic Assignments**