



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

Group Award Code: GD2T 46

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Acknowledgement

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 in Creative Printmaking with Photography at SCQF level 6, which was validated in September 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 qualification is designed to provide candidates with a unique opportunity to develop both creative and technical skills in a variety of traditional and commercial printing processes for the printing, photography and design industries. It is also designed to develop a key level of awareness and appreciation of the technical skills and creative techniques used in the various production areas, together with experience of co-operative working, presentation and exhibition techniques.

Candidates will work in a diverse range of media where the integral nature of print in contemporary culture will be explored. Key areas will be covered: traditional printmaking (intaglio, silkscreen, collagraph and relief printing), photography and conventional printing (digital and lithography printing). These will be supplemented with design and artwork preparation for print and professional business practice.

The intention is to provide candidates with a sufficiently broad base of art, design, photography and printmaking skills. This is a practical based course and will develop candidates' subject specialist skills as well as Core Skills and other 'soft' skills. The course also recognizes and incorporates the importance of business skills pertinent to employment as a practising artist/printmaker/photographer.

The Group Award seeks to enhance employability skills, not just specialist skills but also the transferable skills needed to succeed in employment. It will provide skills relevant for employment as a trainee photographer, studio junior or print technician.

Alternatively, it can provide a progression route to further study, including Higher National Certificate (HNC) /Higher National Diploma (HND) and Degree level programmes.

2 Rationale for the development of the Group Award

Printing has changed dramatically over the last 30 years. An understanding of the traditional and modern processes and techniques will allow for an artist, designer or photographer to use their skills in diverse areas of employment. The Qualification Design Team (QDT) agreed a course structure after consultation with industry and sector skills councils (SSC) Creative and Cultural Skills, and Proskills. The development of the course aims to meet the needs of industry and give candidates the opportunity to diversify as well as merging traditional and modern techniques. It will allow for a breadth of technical knowledge and business skills in a pre press and workshop environment, while supporting the candidates in a learning environment that encourages creativity and personal expression.

The National Certificate in Creative Printmaking with Photography at SCQF level 6 (NC) is aimed at attracting recent school leavers and mature returners to education who wish to develop existing skills, learn new skills or even change direction into other sectors of the graphics industry. There was no provision in the further education sector for a printmaking course at this level thus the development of this Group Award will provide a defined pathway to progression to Higher National level courses, in particular, HNC Creative Printmaking, HNC/HND Photography and HNC/HND Digital Media for Design and Print. The recent approval of the HNC Creative Printmaking course (2010) has outlined the need for the development of an NC course that will allow candidates to develop and strengthen their practical art and printmaking techniques, providing them with a defined pathway of progression to HN level courses. Entry level skills will be developed to a greater extent at HN level thus enhancing employability skills.

This Group Award is designed to offer a broad based education by including a balanced programme of practical skills, business skills, Core Skills and relevant supporting Units, which will help candidates, prepare for employment or rather more specifically progression to higher education. The structure of this Group Award supports the Scottish Governments 'Skills for Scotland: A Lifelong Skills Strategy', promoting personal and learning skills. These skills include the five Core Skills of *Communication, Numeracy, Problem Solving, Information and Communication Technology (ICT) and Working with Others*, as well as employability and vocational skills that are specific to printing and photography disciplines. The production skills include computer-based technologies that embrace digital artwork for print, digital, traditional and commercial printing. The QDT agreed it was essential to retain these key technical skills and computer based techniques used in various production areas, in particular pre press techniques and methods that can be suitable for either short run or commercial printing. This will be supplemented with a more creative, contemporary approach to printing, embracing the cross fertilisation of computer artist and traditional printmaker where the techniques are often blended together. The QDT also recognised the importance of developing both the creative and technical aspects of photography. Introducing candidates to basic camera techniques, studio skills and manipulative processes using traditional and digital photography will also prepare candidates for progression to higher level courses.

The Group Award aims to meet the needs of employers within the graphics industry and those seeking to develop the appropriate introductory technical skills and creative skills pertinent to employment as a printmaker/photographer/print technician/designer. Both Proskills and Creative and Cultural Skills research and consultation found that almost 80% of businesses in the industry have less than 10 employees. Research also shows this has increased demand for employees to be multi-skilled, in particular technical and specialist skills. This demand for a diverse set of skills was reinforced in the consultation with employers where employers are looking not just for specialist skills but a good 'all rounder'.

A basic understanding of photography skills is important for both printmakers and designers. For example:

If a designer is building an online portfolio of work then it is often the quality of the photographs of the design work that will accentuate or detract from the aesthetics appeal.

For a printmaker, it is necessary to have an understanding of basic photography skills and processes to translate photographs into a printed piece of work and many current printmakers diversify between the two disciplines.

Any good photographer must know how to develop and print the photographs onto paper. A photographer must understand the different types of printing processes and their relationship to the final print quality.

The need for the National Certificate in Creative Printmaking with Photography at SCQF level 6 was identified through directed market research, (using online questionnaires generated by the QDT) and research focused on publications and internet sources generated by industry bodies. The intelligence from Sector Skills Summary-Proskills, 2010, and Sector Skills Assessment Summary — Creative and Cultural Skills, 2010, both indicate that around a third of employers are reporting skills gaps, and have difficulty recruiting the right employees. The most common specific skills gaps are technical, practical or job-specific. The surveys suggest that there is significant future demand for recruits qualified to level SCQF level 6 over the next few years. The figures indicate that up skilling is essential to the future of the printing and graphics industries to ensure that people with the required skill levels are available to replace those that leave or retire, and that current and future sustainable opportunities exist within the sector.

Information about the course along with a current framework of Units proposed for inclusion and a guide to SCQF levels was issued. The broad aims and objectives of the programme were included. The information was sent to SSCs and employers in the Printing and Creative Crafts, Applied Arts, Photography and Graphic Illustration sectors. Further and Higher education establishments were also issued with the questionnaire.

It was noted that, as a result of consultation with Skillset, (sector skills council for creative media) the importance of candidates learning transferable business skills was emphasised and frequently asked for by employers. The importance of learning business skills was also cited in Creative and Cultural Skills: The Creative Blueprint Summary Scotland (2008). This research found that many practitioners lacked business skills, in particular planning, finance and marketing skills. The need for business skills was also found in the responses from the consultation with employers. The QDT agreed from this research and consultation that there was the need for a Unit that would address business skills and small business start-up. The QDT developed a Unit titled *Printmaking: Professional Business Practice* that aimed to address the need for business skills, in particular finance skills. This new Unit aims to develop candidates' knowledge of business practice and apply them within a printmaking/photography context.

Defined progression routes to HNC/HND and degree level courses are in place for successful candidates. The progression routes are shown below:

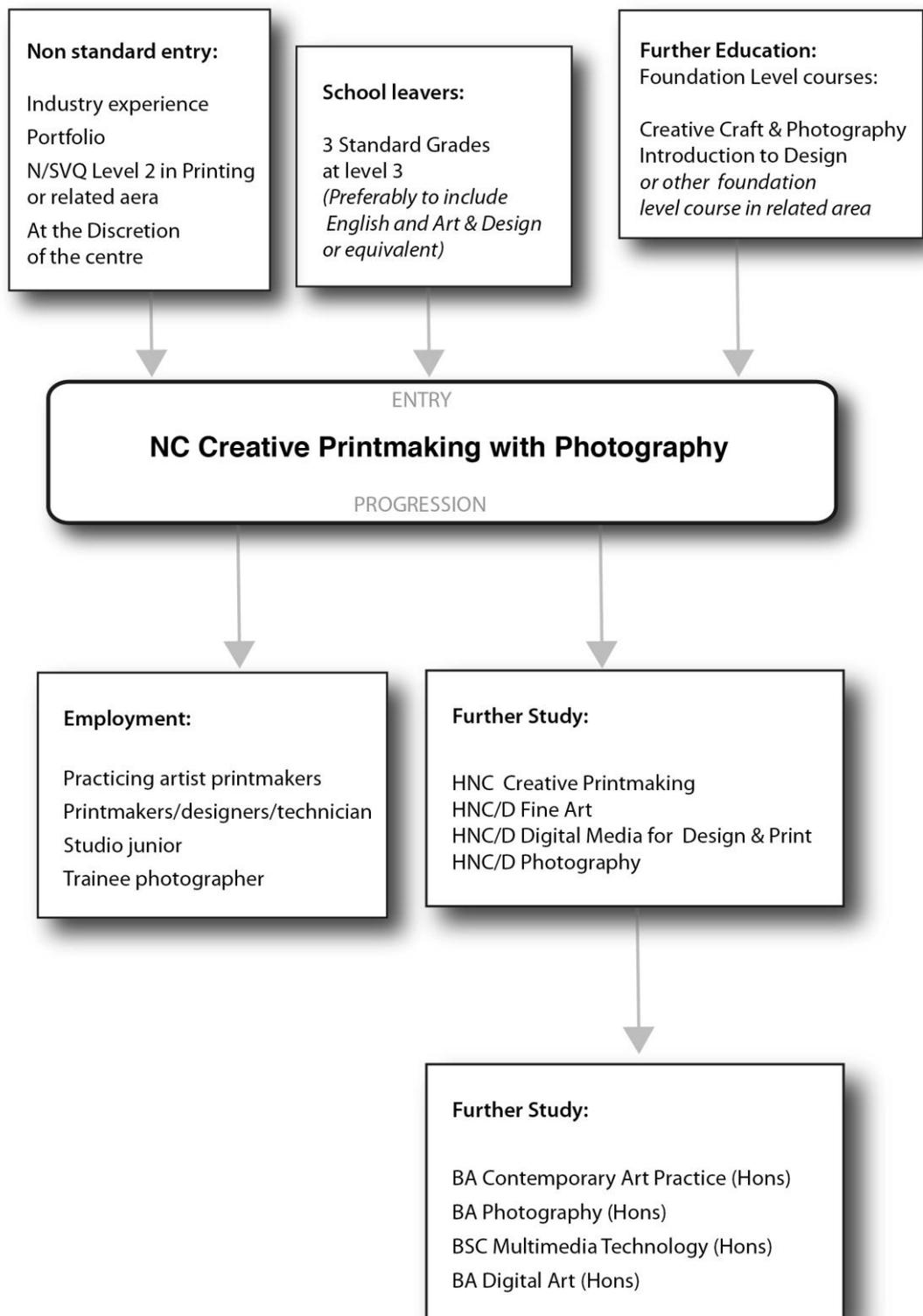
Institution	HND/Degree qualification	Entry year	Formal/informal
City of Glasgow College	HNC Creative Printmaking	1	Formal
City of Glasgow College	HNC/HND Fine Art	1/2	Formal
University of the West of Scotland/City of Glasgow College	BA Contemporary Art Practice (Hons) or BA Digital Art (Hons)	3	Formal/Informal

Institution	HND/Degree qualification	Entry year	Formal/informal
City of Glasgow College	HNC/HND Digital Media for Design and Print	1	Formal
University of the West of Scotland/City of Glasgow College	BSC Multimedia Technology (Hons)	3	Formal

Institution	HND/Degree qualification	Entry year	Formal/informal
City of Glasgow College	HNC/HND Photography	1	Formal
University of the West of Scotland/City of Glasgow College	BA Photography (Hons)	3	Formal

Entry to the National Certificate in Creative Printmaking with Photography is at the discretion of the centre; however an interest in photography and/or printmaking would be expected.

The QDT identified candidates applying for the course likely to be either school leavers or mature adult returners. Entry requirements for school leavers would be three Standard Grades at General level or above, preferably English and Art and Design. It is anticipated that candidates are also likely to enter from a foundation level Crafts or Photography course or from any other relevant course at access level. Candidates may have previous industry experience, which could prove beneficial, but is not compulsory.



The broad range of core and transferable skills which candidates have an opportunity to develop, coupled with the hands on practical experience offered throughout this Group Award will improve future job prospects. Candidates will develop Core Skills; including communication, working with others, numeracy, problem solving and information technology. Knowledge, understanding and compliance with health and safety requirements are also developed. Practical project based skills will be developed along with an understanding of and ability to comply with quality control. In addition there will be monitoring and evaluation of project based work within structured deadlines

Relationship to National Occupational Standards

The National Occupational Standards (NOS) produced by the sector skills councils: Creative and Cultural Skills, Skillset and Proskills were reviewed by the QDT and specifically by Unit writers. Relevant NOS with similar content to key skills and competencies required for industry were mapped to Units in the framework (*See Appendix 1*). This process of alignment of mandatory and optional Units to relevant NOS demonstrates that candidates will develop not only underpinning knowledge but also key learning and skills needs of the sector. This will ensure that the Group Award will meet employer needs and demands and enhance employment opportunities. This process resulted in the identification of key skills and competences for employability in the sector including the need to develop learners who can:

- ◆ develop and communicate design ideas
- ◆ communicate effectively with others
- ◆ develop design responses to meet agreed requirements
- ◆ contribute to and can engage in effective team working

3 Aims of the Group Award

This National Certificate is aimed at attracting recent school leavers or returners to education who wish to develop existing skills or change direction into other sectors of the printing and graphics industries. Aimed at technician level, this Group Award aims to provide a flexible link between production skills and progression to higher-level courses.

The aims outlined in the following sections reflect the intention to provide an introductory level course that will facilitate access to further study while developing employability skills. This Group Award will become the entry point for some candidates who could progress from school through to Higher National to Degree level studies

3.1 Principal aims of the Group Award

- ◆ develop specialist vocational skills for creative printmaking and photography
- ◆ develop business and presentation skills
- ◆ develop employability skills related to the National Occupational Standards and so enhancing candidates' employment prospects
- ◆ provide academic stimulus and challenge, and foster an enjoyment of the subject
- ◆ develop an understanding of interdisciplinary connections between the various subject areas within Art, Design and Photography
- ◆ develop a critical thinking capacity and reflective evaluation processes within the visual arts
- ◆ develop candidates' creative processes and visual language
- ◆ refine and demonstrate applied knowledge of a range of Art and Design skills with particular reference to creative printmaking techniques and photography
- ◆ provide knowledge of the processes and disciplines within the printing and printmaking environments
- ◆ provide candidates with an understanding of current developments within the printing and graphics industries
- ◆ develop a broad based curriculum that can facilitate vocational specialist skills acquisition taking account of relevant health and safety considerations

3.2 General aims of the Group Award

- ◆ 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 planning, integration and application of a variety of skills within a determined time scale
- ◆ To prepare candidates to achieve a consistent level of quality of work within a given time frame
- ◆ To develop candidates' abilities to be flexible and to work cooperatively with others which meets a number of the aims of Curriculum for Excellence

3.3 Target groups

The National Certificate in Creative Printmaking with Photography at SCQF level 6 is open to everyone but is aimed at attracting young people who may have left school in the relatively recent past and mature adults re-entering education.

3.4 Employment opportunities

Potential employment opportunities for candidates who gain this Group Award include trainee photographer, studio junior or print technician.

4 Access to the Group Award

The National Certificate in Creative Printmaking with Photography at SCQF level 6 is open to everyone but is aimed at attracting young people who may have left school in the relatively recent past and mature adults re-entering education.

The Qualifications Design Team recognised that Further Education has to cater for a variety of different candidate requirements and aspirations and with the apparent breadth of the Printing and Graphics industries, the aim of the course is to provide the skills which would meet the needs of the industry at various levels.

Ideally applicants should have some degree of aptitude for art and design that can be nurtured and developed over the course of the programme.

While access to these Group Awards will be at the discretion of the centre, it could be beneficial if candidates possessed one of the following for access to the course:

- ◆ NVQ/SVQ at level 2 in printing or a related area
- ◆ three Standard Grades at General level or above (preferably to include English and Art and Design or equivalent)
- ◆ Work experience in the printing or graphics industries

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 English for Speakers of Other Languages).

If an applicant does not meet any of the given qualification criteria for entry but can show their aptitude and interest with examples of art and design work then they still have an opportunity to access the course at the discretion of the centre. The QDT recognised that the target group for this new Group Award may have the following characteristics:

- ◆ Limited formal attainment and therefore require to develop and strengthen their practical art and communication skills for progression purposes.
- ◆ Hold the necessary qualifications for progression to advanced study or employment, but require exposure to a broader range of printmaking and photography contexts to produce a quality portfolio for interview purposes.
- ◆ Possess a wide and 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 (eg basic computer skills) development to take account of new technologies and working practices.

5 Group Award structure

5.1 Framework

Table 1: Framework for the National Certificate Award in Creative Printmaking with Photography at SCQF level 6

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Mandatory Section				
7 credits required from this section				
Studio Photography: An Introduction	FR2D 12	6	6	1
Photography: Basic Camera Techniques	F8KH 12	6	6	1
Art and Design: Printmaking	F5BV 11	6	5	1
Art and Design: Printmaking Applied Skills	F5C8 12	6	6	1
Art and Design: Digital Media	F5CH 12	6	6	1
Communication	F3GB 11	6	5	1
OR *Literacy	H23W 75			
Creative Printmaking with Photography: Professional Business Practice	FP9D 12	6	6	1
Optional Section				
5 credits required from this section. A minimum of 2 must be taken from Group A				
Group A				
Art and Design: Developmental Drawing	F5CG 12	6	6	1
Art and Design: Colour	F5CE 12	6	6	1
Art and Design: Line and Tone Techniques	F5CB 12	6	6	1
Art and Design: Graphic Design: Finished Artwork	F9WL 12	6	6	1
Photography: Digital Imaging	F8KM 12	6	6	1
Creative Printmaking with Photography: Visual Presentation	FP9C 12	6	6	1
Communication	F3GB 12	6	6	1
Creative Printmaking with Photography: Digital Artwork	FP9E 12	6	6	1
Creative Printmaking with Photography: Single Colour Lithography	FR0H 12	6	6	1
Offset Lithographic Machine Printing: Two-Colour Text and Line	FV5A 12	6	6	1
Photography: Manipulative Processes	FV1A 12	6	6	1
Problem Solving	F3GD 11	6	5	1
Working with Others	F3GE 11	6	5	1
Group B				
Photography: An Introduction	D95211	6	5	1
Screen Printing: Decorative Screen Printing on a Non Porous Substrate	FV55 11	6	5	1
Screen Printing: An Introduction to the Process	FV51 11	6	5	1
Creative Printmaking with Photography: Digital Techniques	FP9F 11	6	5	1

Art and Design: Project	F5CN 11	6	5	1
Group C				
Problem Solving	F3GD 11	6	5	1
Working with Others	F3GE 11	6	5	1

*Refer to history of changes for revision details.

Candidates will be awarded the NC in Creative Printmaking with Photography at SCQF level 6 on completion of all 7 credits listed in the mandatory section plus 5 credits from the optional section, 2 of which must be taken from Group A with the remaining 3 from Group A or B. The whole Group Award equates to 12 SQA credits (72 credit points) at SCQF level 6.

The Unit content of this Group Award has been carefully considered by the QDT who have drawn on valuable advice from the Sector Skills Council: Proskills; Creative and Cultural Skills, and Skillset. The sector skills councils and employers have been contacted throughout the development of the Group Award.

5.2 Mapping information

Entry Profile:

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

Core Skill	SCQF level
Communication	Level 4
Problem Solving	Level 4
Working with Others	Level 4
Numeracy	Level 4
Information and Communication Technology	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.

Exit Profile:

Candidates who achieve the NC Group Award will have opportunities to develop Core Skills to the following levels as a minimum.

Core Skill	SCQF level	Signposted/Certificated
Communication	Level 5	Certificated
Problem Solving	Level 5	Signposted*
Working with Others	Level 5	Signposted
Numeracy	Level 4	Signposted
Information and Communication Technology	Level 5	Signposted

*Certificated components can be achieved in optional Units

Candidates who achieve the National Certificate will gain automatic certification in the Core Skill of *Communication* at SCQF level 5, by completion of the mandatory Unit F3GB11. Candidates who possess SCQF level 5 *Communication* on entry, will have the opportunity to progress to SCQF level 6 through multi-level delivery of both SCQF level 6 (Unit Code: F3GB12) and SCQF level 5 (Unit Code: F3GB11) *Communication* Units. To meet specific assessment criteria for the level 6 Unit a minimum of five candidates must be studying at level 6.

Working with Others, Numeracy and Information and Communication Technology will be developed but not automatically certificated. Components of *Problem Solving: Critical Thinking and Planning and Organising* at SCQF level 5 are automatically certificated in the following optional Units:

- F5CN 11 *Art and Design Project*
- FV51 11 *Screen Printing: An Introduction to the Process*
- FV55 11 *Screen printing Decorative Screen Printing on a Non Porous Substrate*

Table 2: Core Skills Mapping of the Group Award in Creative Printmaking with Photography (SCQF level 6)

		Communication		Information and Communication Technology		Numeracy		Problem Solving			Working with Others	
Unit code	Unit name	Oral	Written	Accessing Information	Processing Information	Using Graphical Information	Using Number	Critical Thinking	Planning and Organising	Reviewing and Evaluating	Working Co-operatively with Others	Reviewing Co-operative Contribution
		<i>For each Core Skill component, enter whether the component is signposted (S) or certificated (C) and at what level</i>										
Mandatory Units												
FR2D 12	Studio Photography: an Introduction							Level 5 C	Level 5 C	Level 5 C		
F8KH 12	Photography: Basic Camera Techniques	Level 4 S	Level 4 S									
F5BV 11	Art and Design: Printmaking	Level 4 S	Level 4 S					Level 5 S	Level 5 S	Level 5 S		
F5C8 12	Art and Design: Printmaking Applied Skills	Level 5 S	Level 5 S					Level 6 S	Level 6 S	Level 6 S		
F5CH 12	Art and Design: Digital Media	Level 5 S	Level 5 S	Level 5 S	Level 5 S			Level 5 S	Level 5 S	Level 5 S		
F3GB 11	Communication	Level 5 E	Level 5 E									
FP9D 12	Creative Printmaking with Photography: Professional Business Practice	Level 4 S	Level 4 S			Level 6 S	Level 6 S					

		Communication		Information and Communication Technology		Numeracy		Problem Solving			Working with Others	
Unit code	Unit name	Oral	Written	Accessing Information	Processing Information	Using Graphical Information	Using Number	Critical Thinking	Planning and Organising	Reviewing and Evaluating	Working Co-operatively with Others	Reviewing Co-operative Contribution
			<i>For each Core Skill component, enter whether the component is signposted (S) or certificated (C) and at what level</i>									
Optional Units												
F5CG 12	Art and Design: Developmental Drawing	Level 5 S	Level 5 S					Level 5 S	Level 5 S	Level 5 S		
F5CE 12	Art and Design: Colour	Level 5 S	Level 5 S					Level 5 S	Level 5 S	Level 5 S		
F5CB 12	Art and Design: Line and Tone Techniques	Level 5 S	Level 5 S					Level 5 S	Level 5 S	Level 5 S		
F9WL 12	Art and Design: Graphic — Finished Artwork	Level 4 S	Level 4 S					Level 5 S	Level 5 S	Level 5 S		
F8KM 12	Photography: Digital Imaging	Level 4 S	Level 4 S	Level 5 S	Level 5 S							
FP9C 12	Creative Printmaking with Photography: Visual Presentation			Level 6 S	Level 6 S			Level 5 C				

		Communication		Information and Communication Technology		Numeracy		Problem Solving			Working with Others		
Unit code	Unit name	Oral	Written	Accessing Information	Processing Information	Using Graphical Information	Using Number	Critical Thinking	Planning and Organising	Reviewing and Evaluating	Working Co-operatively with Others	Reviewing Co-operative Contribution	
			<i>For each Core Skill component, enter whether the component is signposted (S) or certificated (C) and at what level</i>										
Optional Units													
FP9E 12	Creative Printmaking with Photography: Digital Artwork							Level 5 C					
FR0H 12	Creative Printmaking with Photography: Single Colour Lithography	Level 6 S	Level 6 S	Level 6 S	Level 6 S	Level 6 S	Level 6 S	Level 6 C	Level 6 S	Level 6 S			
FV5A 12	Offset Lithographic Machine Printing: Two Colour Text and Line	Level 4 S	Level 4 S					Level 5 C	Level 5 S	Level 5 S			
FV1A 12	Photography: Manipulative Processes			Level 5 S	Level 5 S	Level 4 S	Level 4 S						

		Communication		Information and Communication Technology		Numeracy		Problem Solving			Working with Others	
Unit code	Unit name	Oral	Written	Accessing Information	Processing Information	Using Graphical Information	Using Number	Critical Thinking	Planning and Organising	Reviewing and Evaluating	Working Co-operatively with Others	Reviewing Co-operative Contributions
			<i>For each Core Skill component, enter whether the component is signposted (S) or certificated (C) and at what level</i>									
Optional Units												
D952 11	Photography: An Introduction											
FV55 11	Screen Printing: Decorative Screen Printing on a Non-Porous Substrate			Level 5 S	Level 5 S			Level 5 C	Level 5 C	Level 5 C	Level 5 S	Level 5 S
FV51 11	Screen Printing: An Introduction to the Process			Level 5 S	Level 5 S			Level 5 S	Level 5 S	Level 5 S	Level 5 S	Level 5 S
FP9F 11	Creative Printmaking with Photography: Digital Techniques	Level 5 S	Level 5 S	Level 5 S	Level 5 S			Level 5 S		Level 5 S		
F5CN 11	Art and Design: Project	Level 4 S	Level 4 S	Level 4 S	Level 4 S			Level 5 C	Level 5 C	Level 5 S	Level 5 S	Level 5 S

5.3 Articulation, professional recognition and credit transfer

Defined progression routes to HNC/HND and Degree level courses are in place for successful candidates. The progression routes are shown in Section 2. As this is a new group Group Award no credit transfer is required. There is currently no professional recognition for this Group Award.

6 Approaches to delivery and assessment

The NC in Creative Printmaking with Photography at SCQF level 6 is intended for full time delivery to candidates wishing to find out more about the kind of work performed in this occupational sector.

The Group Award is designed as a full-time course and the emphasis is on developing candidates' own personal qualities and skills for future employment in the graphics industry.

The emphasis will be mainly on practical activities, delivered through a series of lectures, practical workshops, fieldtrips and self directed study. There will also be support embedded during the delivery of the assessed Units. The learning content will increase the candidates' ability to create a quality portfolio of work where they will have the confidence to evaluate and critique their own work. All criteria in each Unit will be assessed and opportunities for integrated learning and assessment of Units are available (see Table 5). Candidates will be expected to hand in work to meet specified deadlines. Meeting deadlines is an essential element of the course.

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:

- ◆ creative printmaking and printing
- ◆ print production
- ◆ photography
- ◆ artwork design for print
- ◆ pre press processes
- ◆ post press processes

The course content reflects the needs of candidates to possess a diverse set of specialist skills for the graphics industry. This programme of study gives the candidate the opportunity to develop these skills and gain the underpinning knowledge necessary for employment as well as to allow for progression to further study. The following table shows Units which would be suitable for those candidates who wish to choose a particular route of study or employment:

Table 3 Potential Routes

Mandatory Units	Optional Units
	Printing Route
	FP97 12 Creative Printmaking with Photography: Visual Presentation
	FP9F 11 Creative Printmaking with Photography: Digital Techniques
FR2D 12 Studio Photography: An Introduction	FP9E 12 Creative Printmaking with Photography: Digital Artwork
F8KH 12 Photography: Basic Camera Techniques	FR0H 12 Creative Printmaking with Photography: Single Colour Lithography
F5BV 11 Art and Design: Printmaking	FV51 11 Screen Printing: An Introduction to the Process
F5C8 12 Art and Design: Printmaking Applied Skills	FV55 11 Screen Printing: Decorative Screen Printing on a Non Porous Substrate
F5CH 12 Art and Design: Digital Media	FV5A 12 Offset Lithographic Machine Printing: Two Colour Text and Line
F3GB 11 Communication	Photography Route
FP9D 12 Creative Printmaking with Photography: FP9D 12 Professional Business Practice	D952 11 Photography: An Introduction
	F8KM 12 Photography: Digital Imaging
	FV1A 12 Photography: Manipulative Processes
	Design Route
	F5CG 12 Art and Design: Developmental Drawing
	F5CE 12 Art and Design: Colour
	F5CB 12 Art and Design: Line and Tone Techniques
	E7P4 12 Art and Design: Finished Artwork
F5CN 11 Art and Design: Project	

Table 4: Example of a possible delivery schedule

Centres can choose the order to teach and assess the Units according to their local market needs and resources. However the suggested delivery schedule (*table 4*) is a useful model to follow. This suggested delivery schedule is a snapshot showing a selection of mandatory and optional Units that adhere to the conditions of the Group Award. The sequence of the Units in this suggested delivery will allow candidates to develop skills progressively.

	Code	Mandatory/optional	Year	Term
Photography: An Introduction	D952 11	Optional	1	1
Art and Design: Line and Tone Techniques	F5CB 12	Optional	1	1
Creative Printmaking with Photography: Digital Techniques	FP9F 11	Optional	1	1
Photography: Basic Camera Techniques	F8KH 12	Mandatory	1	1
Art and Design: Developmental Drawing	F5CG 12	Optional	1	1
Art and Design: Printmaking	F5BV 11	Mandatory	1	1
Induction/Guidance/Candidate Support (0.5 slot) — at start of block			1	1
Screen Printing: An Introduction to the Process	FV51 11	Optional	1	2
Art and Design: Colour	F5CE 12	Optional	1	2
Photography: Digital Imaging	F8KM 12	Optional	1	2
Art and Design: Printmaking Applied Skills	F5C8 12	Mandatory	1	2
Communication	F3GB 11	Mandatory	1	2
Creative Printmaking with Photography: Digital Artwork	FP9E 12	Optional	1	2
Guidance/Candidate Support (0.5 slot) — end of block			1	2
Creative Printmaking with Photography: Single Colour Lithography	FR0H 12	Optional	1	3
Art and Design: Digital Media	F5CH 12	Mandatory	1	3
Creative Printmaking with Photography: Visual Presentation	FP97 12	Optional	1	3
Creative Printmaking with Photography: Professional Business Practice	FP9D 12	Mandatory	1	3
Photography: Manipulative Processes	FV1A 12	Optional	1	3
Studio Photography: An Introduction	FR2D 12	Mandatory	1	3
Guidance/Candidate Support (0.5 slot) — end of block			1	3

1st Trimester:

Broad base underpinning knowledge, terminology and basic techniques in photography and printing disciplines should be explored early in the programme. Supporting subjects for example drawing techniques will help develop candidates drawing and analytical skills early in the programme. The photography, printmaking and digital media Units are at introductory level and will enable candidates to learn techniques and processes that can be developed further in the programme.

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 Imaging and Digital Techniques Units will further develop candidates' software skills. Candidates will be expected to supplement their software skills during self directed study times.

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 in three trimesters should culminate in the candidate selecting and producing a portfolio of work suitable for entry to HN level.

The suggested delivery schedule is a suggestion for each subject delivered once a week. Each class delivered over 3 hour sessions over 11 weeks per semester. The suggested delivery schedule should not be seen as prescriptive but should be used as a guide for delivering centres devising their own programmes.

The Group Award is designed and intended for full-time delivery. Delivery could be over 33–34 weeks allowing for self directed study time or possibly delivered as a part time course delivered two days or nights per week over 1/2 years. Another option could be to offer the course condensed over 24 weeks as a January start course. Some Units could be delivered one hour per week, for example Professional Business Practice or Communication Units.

Whatever 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 a disparate set of Units. This should make for a meaningful learning experience that is valued by candidates. There are opportunities for integrating learning and assessment across the delivery of all Units (*see Table 4*) and where possible a holistic approach should be taken to the delivery and assessment of this Group Award. 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 with tutor support during class-time. Involvement in regular tutorials, either in a one-one or group setting, could be used to support the development of critical thinking and evaluation and to help candidates review their progress on an on-going 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 were delivered this way then arrangements must be made to ensure that closed-book assessments were conducted under supervision. Any assessment tasks must be relevant to the intended course aims and specific learning Outcomes.

Visits to print and photography studios should be encouraged as well as inviting speakers from employed professionals, currently working in industry. The insight into how small companies and practising artist/photographers survive in business gives candidates the opportunity to learn through observation and cannot be visualised in lectures.

Table 5 — Opportunities to integrate delivery and assessment

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit 1 Photography: An Introduction	Operate camera mechanisms. Process monochrome film. Make a contact print and make enlargements.	Integrate with Units: 6, 7, 10, 17, 13, 17, 19, 20	Practical Exercise	This could be delivered and assessed in the first trimester. Opportunity to produce onto positive transparencies for film based output for print.
Unit 2 Art and Design: Line and Tone Techniques	Produce a range of line and tonal drawings.	Integrate with Units: 5, 6, 7, 12, 14	Practical Exercise	Early delivery of this Unit to develop candidates drawing skills. This could link well with mixed media printmaking projects
Unit 3 Printmaking: Digital Artwork	Describe the main functions of bitmap and vector applications. Generate and output finished digital artwork utilizing bitmap and vector applications. Evaluate finished digital artwork.	Integrate with Units: 2, 4, 5, 6, 7, 8, 9, 10, 12, 14, 20	Practical Exercise Theory based assessment (e-learning assessment opportunity)	Early delivery of this Unit (1st trimester) to develop understanding of the uses of these applications. Artwork produced could be integrated with various projects.
Unit 4 Basic Camera Techniques	Describe the basic principles of photography. Produce correctly exposed, composed and framed photographic images to a given brief.	Integrate with Units: 1, 3, 6, 7, 17	Practical Exercise Theory based assessment (e-learning/assessment opportunity)	Images could use for integration with Unit 1 – using traditional film based camera. Early delivery (1st trimester)
Unit 5 Art and Design: Developmental Drawing	Produce initial drawings for a given brief. Produce and present visual ideas or concepts in response to the given brief.	Integrate with Units: 2, 6, 7, 12, 14	Practical Exercise	Early delivery (1st trimester) help to develop candidate's visual awareness and produce concepts that meet needs of a brief.
Unit 6 Art and Design: Printmaking	Produce a range of experimental prints. Produce and present finished prints.	Integrate with Units: 1, 2, 3, 4, 5, 13,	Practical Exercise	Early delivery (1st trimester) Show basic techniques for relief, intaglio, collagraph printing
Unit 7 Screen Printing: An Introduction to the Process	Prepare artwork for a two-colour project, identifying essential information with regards to materials, tools and equipment.	Integrate with Units: 1, 2, 3, 4, 5, 8, 9, 12,	Practical Exercise Short answer questions - (e-learning/assessment opportunity)	2nd trimester Delivery. Artwork produced for Unit 3 or 12 could be used. Assess in 2nd trimester.

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit 8 Art and Design: Colour	Produce colour samples and/or groupings for a given brief and use colour groupings in art and/or design work.	Integrate with Units: 3, 7, 9, 10	Practical Exercise	Ideally delivered in 1st or 2nd trimester as this will give candidates good grounding in colour use in art and design projects.
Unit 9 Photography: Digital Imaging	Import a range of image types into a digital environment. Process/manipulate images to produce a series of digitally enhanced or manipulated images. Present final images in an appropriate format.	Integrate with Units: 3, 7, 10, 12, 13, 14, 18	Practical Exercise	Deliver in 2nd trimester and integrate with Unit 7 Alternatively Deliver in 3rd trimester and integrate with other Units. Assess in 2nd or 3rd trimester.
Unit 10 Art and Design: Printmaking Applied Skills	Plan a printmaking project for a given brief. Produce a range of experimental prints in response to the brief with a final finished print(s).	Integrate with Units: 1, 3, 8, 14,	Practical Exercise	Deliver in 2nd trimester, candidates can chose preferred printmaking technique. Assess in 2nd trimester.
Unit 11 Communication	Written report/analysis of information – personal approach. Oral discussions.	Integrate with Units: 16, 18, 3,	Written and oral assessment	Deliver in 2nd trimester or 3rd trimester. Assessment could involve pitch to client (tutor) or integrate with Unit 16.
Unit 12 Printmaking: Digital Techniques	Describe printing processes/techniques and origination methods. Produce image carriers from digital files suitable for print and evaluate.	Integrate with Units: 2, 3, 5, 7, 9, 13, 19, 20	Practical Exercise Theory based assessment (e-learning/assessment opportunity)	Deliver in 1st or 2nd trimester. Assessment could involve assessing image carriers once used for print project. Assess at end of Unit
Unit 13 Printmaking: Single Colour Lithography	Select and prepare images. Produce single colour prints. Evaluate the lithographic printing process and finished prints.	Integrate with Units: 1, 6, 9, 12, 19	Practical Exercise Theory based assessment (e-learning/assessment opportunity)	Deliver in 2nd trimester. Use own images captured from 1st trimester or use digitally produced artwork for print. Can be assessed in 2nd or 3rd trimester.

Unit	Tasks for each Unit	Integration with other Units	Assessment	Comments on possible delivery and assessment
Unit 14 Art and Design: Digital Media	Develop experimental digital concepts in response to a given brief.	Integrate with Units: 2, 3, 5, 9, 10, 18,	Practical Exercise Pro forma assessment	Ideally delivered and assessed in 3rd trimester once candidates have mastered basic editing features of bitmap/vector programmes.
Unit 15 Printmaking: Visual Presentation	Select and present artwork using traditional, conventional and using current technologies.	Culmination of work from all project based Units	Portfolio – digital and conventional	Delivered and assessed in 3rd trimester to prepare candidates for applying to courses that require a portfolio submission
Unit 16 Printmaking: Professional Business Practice	Understand current business practice and financial aspects of business	Integrate with Units: 11, 15	Theory based assessment (e-learning/assessment opportunity)	Deliver in 3rd trimester to allow candidates to have developed a greater understanding of the types of equipment, materials, resources and time needed for producing a business plan. Or alternatively deliver one hour per week over programme duration.
Unit 17 Photography Manipulative Processes	Produce line images from tone negatives and produce photomontage from multiple negatives. Experiment with tones/dyes/tints.	Integrate with Units: 1, 4, 6, 12	Practical Exercise	Deliver in 2nd trimester. Assess in 2nd trimester.
Unit 18 Studio Photography: An Introduction	Research studio life and studio portrait images. Produce simple studio still life and portrait images. Evaluate the processes involved in the production of studio still life and portrait images.	Integrate with Units: 9, 11, 14	Practical Exercise Written evaluation	Potential to be delivered in 1 – 3rd trimester. And assessed in 3rd trimester.
Unit 19 Machine Printing: 2 colour text and line printing	Prepare and use a printing press to produce two-coloured printed sheets in register	Integrate with Units: 1, 12, 13	Practical Exercise	Ideally delivered in 2nd or 3rd trimester once candidates have developed skills to produce separated artwork. Assessed in the same trimester.
Unit 20 Decorative Screenprinting on a non porous substrate	By undertaking individual research for design concepts and ideas. film artwork and printing that will lead to the production of a suitable finished group project.	Integrate with Units: 1, 3, 4, 8, 9, 14,	Practical Exercise	Deliver and assess in 2nd or 3rd ^d trimester.

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 Group Award 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 introductory course will allow you to develop creative and technical skills in a variety of traditional and commercial printing processes for the printing, photography and design industries. This is a practical, project-based course that will allow for creative exploration in a diverse range of media. Subjects you will study include: traditional printmaking (intaglio, silkscreen, collagraph and relief printing), photography (studio and location based), conventional printing (digital and lithography printing). These will be supplemented with drawing, design, artwork preparation for print, professional practices and portfolio/presentation skills.

What you need to apply for this course:

- ◆ three Standard Grades at General level or above (preferably including English and/or Art and Design) or
- ◆ NVQ/SVQ at level 2 in printing or a related area

If you don't have the required formal qualifications, you may be considered for a place based on your experience and examples of work.

This is a full-time course. Completion of this course will allow progression to HNC/HND level courses in the following subject areas: photography, printmaking, print and design (subject to portfolio submission).

Mandatory Units

FR2D 12 *Studio Photography: An Introduction*

This Unit will allow you to acquire knowledge of a range of basic studio equipment and techniques in the production of simple studio portrait and still life images.

F8KH 12 *Photography: Basic Camera Techniques*

This Unit is designed to allow you to acquire a broad based knowledge and understanding of the basic techniques involved in photography, and an understanding of the basic features of a camera. You will be given the opportunity to develop basic skills/ knowledge of exposure, composition and framing.

You will be able to describe the basic principles involved in image formation; identify and describe the basic features of a camera; produce examples of correctly exposed photographic images to a given brief, and produce examples of effectively composed and framed photographic images to a given brief.

F5BV 11 *Art and Design: Printmaking*

This Unit will enable you to develop knowledge and understanding of printmaking skills for art and design applications. This will include experimentation with the creative potential of different methods of printmaking, allowing you to develop awareness of related visual and compositional elements. You will produce a folio of experimental prints and will apply acquired knowledge and skills in the planning, production and presentation of finished print(s). You will produce a range of experimental prints, and produce and present finished prints.

F5C8 12 *Art and Design: Printmaking Applied Skills*

This Unit will enable you to further develop and extend your knowledge and understanding of applied printmaking skills and develop an understanding and awareness of the design process. You will be able to experiment with the creative potential of different methods of printmaking and develop awareness of related visual and compositional elements. You will plan a printmaking project for a given brief, produce a range of experimental prints in response to the brief, and produce a final print(s).

F5CH 12 *Art and Design: Digital Media*

This Unit is designed to allow you to explore and develop skills in digital media related to art and design disciplines. In this Unit, you will explore the creative development potential of digital media and then develop experimental concepts using selected digital media. This will involve you researching and collating examples of current uses of digital media, analysing current uses of digital media and in the production and development of a range of experimental digital concepts.

You will describe the uses of digital media in art and design, demonstrate understanding of the application and uses of digital media in art and design, and develop experimental digital concepts in response to a given brief.

F3GB 11 *Communication*

This Unit is about using reading, writing, speaking, and listening skills in situations in your personal life, at work, and in education. This is an SCQF level 5 Unit.

Reading: You will be asked to read an extended piece of non-fiction writing. You might then write a short report, or your tutor might ask you questions and make notes or record what you have said. **Writing:** You will produce a document (or a series of related documents) totaling at least 500 words that is concerned with the presentation and analysis of information and/or with developing an opinion or argument. If you produce a series of related documents, one of these must contain no fewer than 300 words. Your document(s) can be hand written or word-processed.

Speaking and listening: You will take part in a discussion or give a short talk to one or more people. Your tutor will observe you and make notes or a recording.

You should also keep a brief record explaining the situation (for example, who was present, what was being discussed, and what was the purpose of the discussion). Your record might include any plan that you developed for your presentation/discussion.

FP9D 12 *Creative Printmaking with Photography: Professional Business Practice*

The purpose of Unit is to provide you with the knowledge and skills to develop an understanding of business practice and apply these skills in industrial contexts in which Art and Design functions. You will acquire knowledge of current business practice within a creative printmaking and photography environment, and understand financial aspects of business within a creative printmaking and photography environment.

Mandatory optional Units

F5CG 12 *Art and Design: Developmental Drawing*

This Unit has been designed to assist and support your developmental drawing skills through the visual analysis of source material and the application of creative problem solving. This process will enable you to explore developmental drawing skills used in art and design based applications. Candidates will produce initial drawings for a given brief, and produce and present visual ideas or concepts in response to the given brief.

F5CE 12 *Art and Design: Colour*

This Unit is designed to enable you to gain and apply knowledge of the use of colour in selected art and design work. A variety of colour media, media handling techniques, colour mixing and colour groupings will be investigated through the production of colour samples for a given brief. Colour and/or colour groupings will then be applied to selected art and/or design work. This Unit will help you to develop your knowledge and understanding of colour theory through applied contexts. You will produce colour samples and/or groupings for a given brief(s), and use colour and/or colour groupings in art and/or design work.

F5CB 12 *Art and Design: Line and Tone Techniques*

This Unit is designed to enable you to further develop basic drawing skills through the production of drawings using a variety of line and tone techniques. You will produce a range of analytical and illustrative drawings that show the applied use and selection of a variety of drawing media. You will also produce a range of line and tonal drawings.

F9WL 12 *Art and Design: Graphic — Finished Artwork*

In this Unit you will develop skills and techniques that allow you to investigate and develop knowledge of graphic design techniques and media handling skills for finished artwork. You will learn about the different types of and production techniques used in finished artwork before developing roughs and presenting finished artwork along with a related production guide. You will research a given brief for finished artwork, develop a range of ideas and roughs for finished artwork for a given brief, and produce finished artwork with a related production guide.

F8KM 12 *Photography: Digital Imaging*

This Unit is designed to develop your knowledge and understanding of a range of digital techniques and an understanding of the underpinning knowledge behind these techniques. You will also be provided with the opportunity to develop good practice in producing your own original and well-planned images. Successful completion of this Unit should prepare you for more advanced training/study.

You will import a range of image types into a digital environment; process/manipulate images within a given software package; produce a series of digitally enhanced or manipulated images, and present final images in an appropriate format.

FP97 12 *Creative Printmaking with Photography: Visual Presentation*

This Unit is designed to develop your knowledge, understanding and skills in visual presentation, enabling you to review and prioritise a given body of printed images. You will identify concepts prior to preparing and creating a visual presentation in a variety of contexts. You will select and gather a range of artwork in preparation for visual presentation, present artwork as a visual presentation using conventional methods, and present artwork as a visual presentation using current technologies.

F3GB 12 *Communication*

This Unit is about using reading, writing, speaking, and listening skills in situations in your personal life, at work, and in education. This is an SCQF level 6 Unit.

Reading: You will be asked to read an extended piece of non-fiction writing. You might then show that you understand the piece of writing by writing a short report, or by your tutor asking you questions and making notes or a recording of what you have said. *Writing:* You will produce a document (or a series of related documents) totaling at least 700 words that presents, analyses, and evaluates a substantial body of information, and/or develops an opinion in relation to an issue that is explored in depth. If you produce a series of related documents, one of these must contain no fewer than 500 words. Your document(s) can be hand written or word-processed.

Speaking and listening: You will play a significant part in a discussion or give a short talk to one or more people on a complex topic. Your tutor will observe you and make notes or a recording. You should also keep a brief record explaining the situation (for example, who was present, what was being discussed, and what was the purpose of the discussion). Your record might include any plan that you developed for your presentation/discussion.

FP9E 12 *Creative Printmaking with Photography: Digital Artwork*

The purpose of the Unit is to provide you with the knowledge, understanding and skills to create digital artwork using vector and bitmap applications and output finished digital artwork. You will describe the main functions of bitmap and vector applications, generate and output finished digital artwork utilising bitmap and vector applications, and evaluate finished digital artwork.

FR0H 12 *Creative Printmaking with Photography: Single Colour Lithography*

The purpose of this Unit is to enable you to develop an understanding of the Lithographic printing process. You will also develop knowledge and skills in producing and preparing single colour images for the Lithographic printing process.

You will select and prepare images suitable for single colour lithographic printing, produce single colour prints, and evaluate the lithographic printing process and finished prints.

E89D 12 *Offset Lithographic Machine Printing: Two-Colour Text and Line*

The purpose of this Unit is to provide you with the knowledge and skills to produce two colour images using text and line printing methods. You will gain an understanding of the principles of offset lithographic printing and develop practical skills using equipment and materials safely to produce two colour prints to a commercial standard.

FV1A 12 *Photography: Manipulative Processes*

This is a specialist Unit that enables you to acquire knowledge of manipulative processes and their effects. You will learn and apply the techniques of the main manipulative processes used in monochrome photography to produce images, and comply with the safe working practices specified for the activity areas.

Optional Units

D952 11 *Photography: An Introduction*

This Unit gives you an introduction to basic principles of photography, including photographic processing. Upon completion of this Unit you should be confident to load and operate a basic 35mm Single Lens Reflex camera and to process and make enlargements from a black and white film. You will operate camera mechanisms, process monochrome film, make a contact print, and make enlargements.

FV55 11 *Screen Printing: Decorative Screen Printing on non-porous substrates*

This Unit is designed to enable you to develop an individual creative response by producing a decorative reverse print on a non-porous substrate. This will provide you with an opportunity to work to an agreed project and develop your knowledge and skills by producing a decorative screen print to a given specification.

You will plan a project suitable for decorative printing in response to a given specification, develop design concepts, and produce a final decorative print on a non-porous substrate.

FV51 11 *Screen Printing: An Introduction to the Process*

This Unit is designed to enable you to develop your skills and techniques in Screen Printing. You will prepare artwork for a two-colour project, identifying essential information with regards to materials, tools and equipment before preparing and making a visual presentation to a given specification. You will describe the basic principles of Screen Printing, plan a design suitable for Screen Printing, and produce quality prints to a given specification.

FP9F 11 *Printmaking: Digital Techniques*

The purpose of the Unit is to provide you with the knowledge, understanding and skills to create image carriers from digital files suitable for a range of printmaking processes and techniques. You will describe printing processes, techniques and origination methods, produce image carriers from digital files suitable for print, and evaluate the print-ready image carrier.

This Unit is designed to suit a broad range of art and design disciplines. It provides you with an opportunity to work to a given project brief and to develop and use a variety of skills and techniques while completing an art or design project. You will produce research and develop ideas and concepts in response to the brief, before producing a final art or design work. The emphasis of the Unit is on the art and/or design process and not just on the quality of the final art or design work. You will plan a project in response to a given brief, develop ideas or concepts in response to the given brief, produce a final art or design work in response to the given brief.

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 out with 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 National Occupational Standards to Units

Appendix 1: Mapping of National Occupational Standards to Units

Mandatory Units

Unit title: Studio Photography: An Introduction

National Occupational Standards (NOS)

Skillset

- 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

Unit title: Basic Camera Techniques

National Occupational Standards (NOS)

Skillset

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

Unit title: Art and Design: Printmaking

National Occupational Standards (NOS)

Proskills

- Unit 021 Comply with health and safety requirements in the workplace
- Unit 252 Prepare inks and coatings for printing
- Unit 257 Prepare and maintain image carriers for printing

Creative and Cultural Skills

- CR15 Use safe working practices and spaces for craft
- CR46 Present and display craft

Unit title: Art and Design: Printmaking Applied Skills

National Occupational Standards (NOS)

Proskills

- Unit 021 Comply with health and safety requirements in the workplace
- Unit 252 Prepare inks and coatings for printing
- Unit 257 Prepare and maintain image carriers for printing

Creative and Cultural Skills

- CR4 Research ideas for craft work and work practice
- CR15 Use safe working practices and spaces for craft

Unit title: Art and Design: Digital Media

National Occupational Standards (NOS)

Creative and Cultural Skills

- CR49 Use digital technologies for craft work and work practice
- CR4 Research ideas for craft work and work practice
- DES1 Apply research on the history and theory of design to your own design activities

Proskills

- Unit 123 Capture images from specific sources
- Unit 127 Plan and produce edited images
- Unit 710 Create digital colour artwork for print
- Element 710.3 Import and use colour images in digital artwork
- Unit 711 Design and produce creative digital colour artwork for print

Optional Units:

Unit title: Photography: An Introduction

National Occupational Standards (NOS)

Skillset

- 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

Unit title: Art and Design: Line and Tone Techniques

National Occupational Standards (NOS)

Creative and Cultural Skills

DES10 Create visual designs

Elements:

- A Clarify type of visual design required
- B In discussion with relevant people, determine factors that may determine or affect visual design concepts including the design techniques.
- D Research other products, designs, images, artwork and other creative work that may inspire design ideas
- E Obtain other relevant information that may influence the design
- F Experiment with imaging techniques to create required visual design
- H Generate a range of visual design ideas that are technically feasible, meet the brief and provide creative solutions
- M Save the visual design in an appropriate format that meets the technical parameters determined in discussion with relevant people
- O Discuss and confirm with relevant people, additional requirements or modifications and undertake any amendments

Unit title: Printmaking: Digital Artwork

National Occupational Standards (NOS)

Proskills

- Unit 120 Plan work to meet production requirements
- Unit 123 Capture images from specific sources
- Unit 127 Plan and produce edited images
- Unit 128 Produce approved proofs from digital artwork

Creative and Cultural Skills

- Unit CR4 Research ideas for craft work and work practice
- Unit CR9 Produce a drawing or sketch, working stages or roughs, sample, model or prototype of craft

Unit title: Photography: Digital Imaging

National Occupational Standards (NOS)

Skillset

- Pi – 7 Undertake Photographic Assignments
- Pi – 15 Produce scanned images
- Pi – 16 Undertake technical adjustment of images
- Pi – 17 Prepare Image Output
- Pi – 24 Source and Acquire Images
- Pi – 22 Plan, Set Up And Control The Digital Workflow

Unit title: Art and Design: Developmental Drawing

National Occupational Standards (NOS)

Creative and Cultural Skills

- CR9 Produce a drawing or sketch, working stages or roughs, sample, model or prototype of craft
- CR4 Research ideas for craft work and work practice
- CR2 Originate and develop ideas for craft work and work practice

Unit title: Screen Printing: An Introduction to the Process

National Occupational Standards (NOS)

Proskills

- Unit 204 Operate ink drying equipment
- Unit 206 Prepare inks
- Unit 219 Prepare stencils for printing
- Unit 102 Plan image layout for printing
- Unit 006 Identify and organize the requirements for production
- Unit 213 Control ink drying machinery
- Unit 021 Comply to Health and Safety in the Workplace
- Unit 022 Improve Your Performance at work
- Unit 031 Ensure your own actions, reduce risks to Health and Safety in the

Workplace

- Unit 032 Improve Individual and Organisational Performance
- Unit 003 Contribute to Maintaining Equipment in Working Order
- Unit 217 Prepare Equipment and Machines for Screen Printing
- Unit 218 Operate Screen Printing Machines
- Unit 239 Control Screen Printing Machines

Unit title: Art and Design: Colour

National Occupational Standards (NOS)

Creative and Cultural Skills

DES8 Explore the use of colour in a creative environment

Unit title: Printmaking: Digital Techniques

National Occupational Standards (NOS)

Proskills

- Unit 120 Plan work to meet production requirements
- Unit 123 Capture images from specific sources
- Unit 127 Plan and produce edited images
- Unit 128 Produce approved proofs from digital artwork
- Unit 129 Produce computer-generated image carriers
- Element 129.2: Prepare images for processing

Creative and Cultural Skills

Unit CR4 Research ideas for craft work and work practice

Unit title: Printmaking: Single Colour Lithography

National Occupational Standards (NOS)

Proskills

- Unit 021 Comply with health and safety requirements in the workplace
- Unit 129 Produce computer-generated image carriers
- Unit 249 Set and operate lithographic printing machines
- Unit 251 Make and maintain lithographic printing plates
- Unit 252 Prepare inks and coatings for printing
- Unit 257 Prepare and maintain image carriers for printing
- Unit 264 Monitor the quality of output from printing machines
- Element 264.1 Monitor the quality of printed product from printing machinery

Unit title: Printmaking: Visual Presentation

National Occupational Standards (NOS)

Council for Administrative Business Unit DES12 **Make a Presentation**

Unit title: Printmaking: Professional Business Practice

National Occupational Standards (NOS)

Proskills

Unit 527 Maintain working records for print production

Unit 508 Review production costs and prepare invoices

Unit 507 Produce estimates for print services and products

Creative and Cultural Skills

CR32 Carry out basic financial transactions for craft

Skillset

PI – 1 Apply copyright and other laws relating to usage and licensing of images

Unit title: Photography: Manipulative Processes

National Occupational Standards (NOS)

Skillset

Pi – 9 Use minilab equipment and technology to process and print images

Pi – 12 Process exposed films