



Group Award Specification for:

**HNC Fashion Technology and
Manufacture with Design**

Group Award Code: GG11 15

and

**HND Fashion Technology and
Manufacture with Design**

Group Award Code: GG12 16

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Acknowledgement

SQA acknowledges the valuable contribution that Scotland's colleges have made to the development of Higher National qualifications.

History of changes

It is anticipated that changes will take place during the life of the qualification and this section will record these changes. This document is the latest version and incorporates the changes summarised below. Centres are advised to check SQA's APS Navigator to confirm they are using the up to date qualification structure.

NOTE: Where a Unit is revised by another Unit:

- ◆ No new centres may be approved to offer the Unit which has been revised.
- ◆ Centres should only enter candidates for the Unit which has been revised where they are expected to complete the Unit before its finish date.

Version number	Description	Date
06	Fashion : Textile Technology (H31D 34) has been added to the mandatory section of the HNC as an alternative to the unit Textile Fibres, Yarns and Fabrics (F1R0 34)	24/07/2017
05	F1P7 34 CAD: Pattern Development and F1PS 34 Grading for the Fashion Industry has been added to the HNC Framework. H7V4 34 Preparing to start a Business has been added to the HND framework.	15/12/16
04	Revision of Unit: DE1K 33 Workplace Communication in English has been revised by H8T2 33 and finishes on 31/07/2016.	20/05/15
03	<i>Fashion: Textile Technology</i> (H31D 34) has been added as a mandatory Unit to the HND and can be taken as an option to the <i>Textile Fibres, Yarns and Fabrics</i> (F1R0 34) Unit .Please note, candidates cannot undertake both.	16/10/14
02	Revision of Unit: DE3C 34 <i>Marketing: An introduction</i> revised by F7BX 34 and has finished.	October 2013

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1 Introduction

This is the Group Award Specification for the revised HNC and HND in Fashion Technology and Manufacture with Design, which were validated in June 2007 and reviewed in September 2012. This document includes: background information on the development of the Group Awards, their aims, guidance on access, details of the Group Award structures, and guidance on delivery.

- ◆ HNC Fashion Technology and Manufacture with Design GG11 15 replaces G8NX 15
- ◆ HND Fashion Technology and Manufacture with Design GG12 16 replaces G8NY 16

2 Rationale for the revision of the Group Awards

The HNC and HND Fashion Technology and Manufacture with Design are designed to offer a balance between practical skills, Core Skills and a programme of relevant supporting Units which will help candidates prepare for articulation to degree level courses, employment and self-employment. The awards are ideal for those who wish to commit to a full-time course, but those in employment could be accommodated within full-time provision on an in-fill basis.

The review of these awards was set against a background of significant change in the fashion industry. The UK fashion industry, over the last five to ten years, has undergone major changes in its structure and operating procedures to make it possible for companies to operate more efficiently in today's globalised market place. The major factor has been the outsourcing of the manufacture of garments to offshore locations throughout the world. This has resulted in the redefining of job specifications and the creation of new jobs combining new skills and techniques with many of the traditional skills still in demand.

The revision of the awards takes account of:

- ◆ the need for qualifications with specialist provision accommodated within a flexible structure
- ◆ Units which allow for progression and meet the HN design principles and SCQF requirements
- ◆ links with, and articulation to, other awards
- ◆ Units which can be grouped into small specialist clusters that can be used to provide training for personnel currently employed in the fashion industry
- ◆ the demand from industry for employees who possess the correct combination of skills and techniques required for working in the fashion industry of today
- ◆ the traditional specialist practical skills required by small business enterprises
- ◆ the results of market research undertaken

2.1 Market research

Primary research was carried out through questionnaires and interviews. The following groups were surveyed on a local and national basis:

- ◆ Higher Educational Institutions (HEIs)
- ◆ employers
- ◆ past and current candidates

Overall, the results of the market research with employers, HEIs and candidates were positive in support of the revised HND award and the creation of a new HNC award. The number of responses and the quality of the information supplied was testimony to the success of the predecessor award as many of the industrial contacts were holders of this qualification.

The main proposals supported by the market research were:

- ◆ creation of a separate HNC award
- ◆ introduction of project-based Graded Units
- ◆ all technical Units to be updated to reflect current industrial practice
- ◆ introduction of Units to incorporate the globalised nature of the industry
- ◆ creation of awards that would allow for progression to employment, articulation to higher educational establishments and to self-employment

Secondary research included studies of occupational change such as that carried out for Futureskills Scotland by Professor Green. In March 2006, Professor Green produced an Expert Briefing entitled 'The Demand for and Use of Skills in the Modern Economy'. This report indicated that the number of higher skilled occupations has been growing faster than lower skilled occupations over recent decades and that this growth is expected to continue in the future. Occupations with problem solving skills, literacy skills and communication skills, in particular at a higher level for writing reports, making presentations and influencing people, attracting bigger financial rewards.

Broad skill requirements of jobs in the British economy have risen in the last two decades requiring a longer cumulative period of training and on-the job training. Three distinct types of skills needed for employment can be identified.

- 1 Broad skills, which refer to the overall level of competence to do jobs as a result of education, training and experience.
- 2 Technical skills, which are occupational specific skills that are needed to be able to carry out particular jobs.
- 3 Generic skills, which are the skills that are needed in various ways in a wide range of jobs. Prominent amongst these in recent years have been IT skills, but several other generic skills have been identified as potentially important, such as communication, team working and problem solving. These skills are relevant in jobs at all levels. Additionally, basic skills of literacy and numeracy are also important.

The design of these awards ensures that all three types of skills are incorporated and the generic Core Skills have been signposted to ensure that those undertaking the HNC/HND Fashion Technology and Manufacture with Design have a qualification which will meet the needs of the Scottish and UK labour markets in the 21st century.

The apparel, footwear and textile sector continues to be an important contributor to the economy of the UK and Scotland, employing UK wide 340,000 people with an annual output of £10 billion and in Scotland employing 24,000 people, with a Gross Added Value of £473 million.

Research has shown that 80% of workplaces in the UK industry consist of small businesses that employ between one and ten employees (Scotland 79%). Emphasis is placed on the need for flexibility of this workforce to meet the diverse nature of the work undertaken by these companies. This need for flexibility has been taken into account in the design of these awards.

The Creative skillset 'Assessment for the Fashion and Textiles Industry in Scotland 2011' identified training requirements in the following key areas:

- ◆ Technical Design
- ◆ Pattern Development
- ◆ Garment Assembly Skills
- ◆ Management and Supervisory Skills

All of the above skills have been incorporated in the design of the revised awards. Recognition of where Core Skills are embedded or signposted within the structure of each award is detailed in Appendix 2. An integrated, project-based approach to the structure of these programmes can be used to highlight the practical nature of the subject and further detail is given in Section 6 'Approaches to delivery and assessment'.

3 Aims of the Group Awards

The main aim of the awards is to provide a vocational qualification to help candidates gain employment, with a subsidiary aim of enabling candidates to progress to further academic qualifications by providing them with the skills, competencies and qualifications required for university entry level. The aims indicated below are referenced to individual mandatory Units in Appendix 1.

3.1 General aims of the Group Awards

General aims of HNC

- 1 To develop transferable skills including Core Skills to the levels demanded by employers and for progression to HND.
- 2 To develop study and research skills.
- 3 To enable progression within the Scottish Credit and Qualifications Framework (SCQF).
- 4 To develop candidates knowledge and skills such as planning, analysis and synthesizing.
- 5 To prepare candidates in specialist skills for progression to further studies.
- 6 To provide academic stimulus and challenge and foster an enjoyment of the subject.

General aims of HND

- 10 To develop candidates' knowledge and skills such as planning, analysis, synthesising and evaluating work on an ongoing basis.
- 11 To enable progress within the Scottish Credit and Qualifications Framework (SCQF).
- 12 To develop study and research skills appropriate to SCQF level 8.
- 13 To prepare candidates in specialist skills for progression to further studies in apparel and related areas.
- 14 To develop transferable skills including Core Skills to the levels demanded by employers and for progression to Degree awards in Higher Educational Institutions.

3.2 Specific aims of the Group Awards

Specific aims of HNC

- 1 To develop employment skills for a range of careers in the apparel industry.
- 2 To develop the ability to complete project work involving planning, integration and application of a variety of skills within a determined timescale.
- 3 To develop specialist vocational skills for the apparel industry.

Specific aims of HND

- 4 To enable candidates to carry out complex project work involving research, analysis, planning and budgeting.
- 5 To enable candidates to demonstrate the ability to manage projects effectively and evaluate their effectiveness in terms of time, budget and feasibility.
- 6 To develop a range of high level vocational skills within the context of apparel studies.
- 7 To develop employment skills for a range of careers in the apparel and related industries.
- 8 To provide the experience of working in an apparel-related environment.

3.3 Target groups

These awards are suitable for a wide range of candidates including:

- ◆ School leavers
- ◆ Adult returners to education
- ◆ Candidates in industry who wish to enhance their career prospects
- ◆ Candidates in industry who require a formal qualification
- ◆ Part-time and full-time candidates

3.4 Employment opportunities

Candidates completing the HNC could expect to gain employment as:

- ◆ Garment Technologist, operating from a central controlling department overseeing off shore production
- ◆ Fashion Buying and Sourcing, dealing with suppliers of garments and various garment trimmings
- ◆ Quality Assurance, establishing quality standards and maintaining the standards set
- ◆ Management Trainee, in the areas of Bulk Cutting and Garment Manufacture
- ◆ Pattern Cutters, developing and making the patterns for the garment ranges

Those continuing their studies to HND level could expect to gain employment in the same fields at a more senior level.

4 Access to Group Awards

While access to these awards will be at the discretion of the centre, it would be beneficial if candidates possessed one of the following for access to the HNC Fashion Technology and Manufacture with Design or first year HND Fashion Technology and Manufacture with Design:

- ◆ a National Qualification at SCQF level 5 or 6 in a related area such as Fashion and Textile Technology.
- ◆ work experience in the Fashion Technology or related industry.
- ◆ evidence of a natural aptitude in the area of Fashion Technology.
- ◆ direct entry to the award 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 (ESOL) at SCQF level 5.
- ◆ any appropriate combination of the above criteria.

In addition, it is recommended that candidates should possess the following Core Skills profile on entry:

- ◆ Communication SCQF level 5
- ◆ Numeracy SCQF level 5
- ◆ ICT SCQF level 4
- ◆ Problem Solving SCQF level 4
- ◆ Working with Others SCQF level 4

With a large percentage of the Units within these awards being of a practical nature the recommended Core Skills entry levels to these awards have been set at a level that will enable candidates to progress through each of the awards. The Core Skills entry at these levels also provides access to the awards for a wide range of candidates.

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 and uses the results to identify where additional support is required.

5 Group Awards structure

Both the Group Awards and the individual Units reflect the flexibility and employability skills required for employment, progression to HEIs and possible self-employment. Links to National Occupational Standards and Core Skills are detailed later in this section.

5.1 Frameworks

HNC Fashion Technology and Manufacture with Design

For a candidate to achieve the HNC Fashion Technology and Manufacture with Design, they must attain all of the mandatory Units (80 SCQF credit points/10 SQA credits), including one Graded Units at SCQF level 7, and optional Units worth 16 SCQF credit points/2 SQA credits.

Mandatory Units

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Fashion Technology: Pattern Drafting and Development	F1PL 34	8	7	1
Pattern Development for the Fashion Industry	F1PW 34	8	7	1
Sewing and Finishing Techniques for Garment Development	F1PY 34	8	7	1
Couture Techniques: An Introduction	F1PB 34	8	7	1
Garment and Equipment Technology for the Fashion Industry	F1PP 34	8	7	1
Fashion: Preparation and Cutting of a Sample Garment	F1PM 34	8	7	1

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Garment Manufacture: An Introduction to Working Drawings	F1PR 34	8	7	1
Textile Fibres, Yarns and Fabrics Or Fashion: Textile Technology	F1R0 34 *H31D 34	8 8	7 7	1 1
Pattern Development and Fitting Tailored Garments	F1PV 35	8	8	1
Fashion Technology and Manufacture with Design: Graded Unit 1	F293 34	8	7	1
TOTAL		80		10

Optional Units

A minimum of 2 credits from this section

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Drape and Flat Pattern Making: Basic Techniques	F1PD 34	8	7	1
Fashion Technology: Design and Produce an Outfit	F1PK 34	16	7	2
Fashion Design: Producing Fashion Illustrations	F1PH 34	8	7	1
Corset Production: An Introduction	F1P9 34	8	7	1
Workplace Communication in English	H8T2 33*	8	6	1
CAD: Pattern Development	F1P7 34*	8	7	1
Grading for the Fashion Industry	F1PS 34*	8	7	1

* Refer to History of Changes for revision changes

HND Fashion Technology and Manufacture with Design

For a candidate to achieve the HND Fashion Technology and Manufacture with Design, they must attain all of the mandatory Units (200 SCQF credit points/25 SQA credits) and optional Units worth 40 SCQF credit points/5 SQA credits.

Framework for HND Fashion Technology and Manufacture with Design

Mandatory Units

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Fashion Technology: Pattern Drafting and Development	F1PL 34	8	7	1
Pattern Development for the Fashion Industry	F1PW 34	8	7	1
Complex Pattern Development and Customisation	F1P8 35	8	8	1
CAD: Pattern Development	F1P7 34	8	7	1
Fashion: Preparation and Cutting of a Sample Garment	F1PM 34	8	7	1
Sewing and Finishing Techniques for Garment Development	F1PY 34	8	7	1
Couture Techniques: An Introduction	F1PB 34	8	7	1
Sewing and Finishing for Garment Development: Advanced Techniques	F1PX 35	8	8	1
Grading for the Fashion Industry	F1PS 34	8	7	1
Garment and Equipment Technology for the Fashion Industry	F1PP 34	8	7	1
Fashion Design: Producing Fashion Illustrations	F1PH 34	8	7	1
Garment Manufacture: An Introduction to Working Drawings	F1PR 34	8	7	1
Apparel Industry: UK and Global Manufacturing and Sourcing Decisions	F1P6 34	8	7	1
Pattern Development and Fitting Tailored Garments	F1PV 35	8	8	1
Drape and Flat Pattern Making: Basic Techniques	F1PD 34	8	7	1
Fashion: Technical Planning and Production Techniques	F1PN 34	8	8	1
Fashion Technology: Design and Produce an Outfit	F1PK 34	16	7	2
Fashion Technology: Design and Produce a Range of Garments	F1PJ 35	24	8	3
Fashion Technology and Manufacture with Design: Graded Unit 1	F293 34	8	7	1
Fashion Technology and Manufacture with Design: Graded Unit 2	F295 35	16	8	2
Textile Fibres, Yarns and Fabrics or Fashion: Textile Technology	F1R0 34 H31D 34	8 8	7 7	1 1
TOTAL		200		25

Optional Units

A minimum of 5 credits from this section

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Corset Production: An Introduction	F1P9 34	8	7	1
Hand Craft Tailoring	F1PT 35	16	8	2
Design and Manufacture a Bridal or Eveningwear Garment	F1PC 35	16	8	2
Costume Research and Development	F1PA 35	16	8	2
Marketing: An Introduction	F7BX 34*	8	7	1
Workplace Communication in English	H8T2 33*	8	6	1
Personal Enterprise Skills	F3HT 34	8	7	1
Preparing to Start a Business	H7V4 34	8	7	1

*Refer to History of Changes for revision changes.

Both the HNC/HND awards contain a Graded Unit which is designed to test a candidate's skills and knowledge over a range of subject areas contained on the course programme. On completion of the Graded Units the candidate will be graded A, B or C to indicate their level of achievement for the complete programme.

Project-based Graded Units were selected for the HNC/HND as the Qualification Design Team decided that this type of model is best suited to meet the practical nature of both programmes and is in line with the aims of both awards.

5.2 Mapping information

5.2.1 Mapping of aims and Units

All the mandatory Units on the HNC and HND Fashion Technology and Manufacture with Design have been mapped to the aims of the awards. Details of this mapping exercise are given in Appendix 1.

5.2.2 Mapping of Core Skills to Units

The recommended Core Skills exit levels for each award are given below.

HNC Fashion Technology and Manufacture with Design:

- ◆ Communication SCQF level 5 Signposted
- ◆ Numeracy SCQF level 5 Signposted
- ◆ ICT SCQF level 5 Signposted
- ◆ Problem Solving SCQF level 5 Signposted
- ◆ Working with Others SCQF level 5 Signposted

HND Fashion Technology and Manufacture with Design:

- ◆ Communication SCQF level 6 Signposted
- ◆ Numeracy SCQF level 6 Signposted
- ◆ ICT SCQF level 6 Signposted
- ◆ Problem Solving SCQF level 6 Embedded

- ◆ Working with Others SCQF level 6 Signposted

A summary of the Core Skills which are embedded and signposted in the mandatory and optional Units of both awards are contained in Appendix 2

5.2.3 National Occupational Standards

The Units for these awards have been aligned to relevant National Occupational Standards for Manufacturing Textile Products level 3.

5.3 Articulation and credit transfer

5.3.1 Articulation

There are no formal articulation agreements in place for these Group Awards. Candidates wishing to apply to a university level course should be guided and supported by staff. These group award specifications should be dealt with individually by centres and candidates. Entry qualifications and articulation requirements for degree courses vary significantly and candidates should be advised by centres to investigate articulation possibilities prior to choosing optional units.

While articulation to the second year of the HND award is at the discretion of the centre it is envisaged that candidates would have achieved 15 credits before entering the second year of the award. This would usually include all the mandatory Units for the HNC award.

Where a full HNC award has been achieved but the candidate does not possess 15 credits for entry to the HND award it is recommended that an individual learning plan is formulated so that it is clear on entry where the candidate would gain the Units required to make up the full HND award.

5.3.2 Credit transfer

There is no transition framework for the HND Fashion Technology and Manufacture with Design but candidates can be given credit transfer for individual Units.

Credit transfer can be given where there is broad equivalence between the subject related content of the Unit or combination of Units. Candidates who are given credit transfer between predecessor Units and revised HN Units must still satisfy all other conditions of the revised HNC Fashion Technology and Manufacture with Design and HND Fashion Technology and Manufacture with Design, including the Mandatory Units and the correct number of credits at the correct SCQF level.

Appendix 3 details where full or partial credit transfer can be given between predecessor Units and revised Units. These have been agreed by the External Verifier.

6 Approaches to delivery and assessment

The fashion technology sector of the fashion industry is diverse and varied and this is reflected in the breadth of the Units and specialisms which these awards provide. The skills developed will include planning and organisational skills, measuring, costings, and craft skills in sewing, finishing, pattern development, garment cutting, grading and hand tailoring. Additionally, skills in design, research, analytical skills, communication and presentation skills, and the skills of working and co-operating with others and IT applications will be developed in these awards.

The approach to Core Skills is to contextualize these within the fashion technology area, and these awards with their choice of options allow candidates to choose options that reflect and develop their interests and chosen career paths

6.1 Integration of delivery and assessment

Overall the approach in these Group Awards is towards integration of Unit evidence and assessment whenever possible. One example of integrating Evidence Requirements in the HNC/HND Fashion Technology and Manufacture with Design is in the Units F1PB 34 *Couture Techniques: An Introduction* and F1PY 34 *Sewing and Finishing Techniques for Garment Development*. These two Units require as part of their Evidence Requirements a range of sewing samples to be produced using industrial sewing machinery and equipment. Some of these samples can be used as evidence in the Unit F1PP 34 *Garment and Equipment Technology for the Fashion Industry*, which requires samples of the functions performed by a range of industrial sewing machinery and equipment to be produced as part of the Evidence Requirements for this Unit.

6.2 Suggested delivery patterns

The programmes suggested in Appendix 4 indicate how skills are built up during the one-year HNC award and the two-year HND award. These suggested delivery patterns should not be seen as prescriptive but should be used as guides by centres that may wish to deliver these awards.

The placing of the Graded Unit and Units involving projects is of particular importance as their placement in the academic year enables candidates to develop their practical skills as well as their knowledge and skills in using different types of materials, sourcing them and costing them before integrating their knowledge in these project-based Units.

6.3 Open Learning

Full details on the suitability of individual Units for Open Learning are contained in each Unit specification. Overall, the practical Units are not suitable for an Open Learning format for the following reasons:

- ◆ large proportion of practical demonstrations used
- ◆ complex industrial machinery and equipment required
- ◆ continuous quality assurance procedures applied

Some of the non-practical Units within each of the awards may be suitable for an Open Learning format.

6.4 E-learning and e-assessment

Some aspects of the knowledge and understanding of the Units could be delivered using e-learning, in particular those aspects which require candidates to undertake research. The use of Virtual Learning Environments (VLEs) for storing candidate notes and visuals and website addresses should be encouraged by centres when building up their learning and teaching packs to accompany the Units. Additionally both candidates and staff should be encouraged to use digital photography as a means of recording the development of design and manufacture of garments, and samples of work completed. Digital photography could further be used by staff to set up archive materials.

6.5 The Graded Units

The placement of the Graded Units in the overall delivery plan is an important aspect of course delivery. Candidates should be given the opportunity to develop their design skills as well as their knowledge of textiles before embarking on these project-based Graded Units. In all cases it is recommended that the Graded Unit is introduced approximately half way through the course of study. The time spent delivering Graded Units is indicated in the delivery plans suggested in Appendix 4. Centres are advised to aim to complete the Graded Unit by the middle of May. This will leave the maximum time for candidates to build up their skills levels while also allowing sufficient time for re-assessment.

The introduction of the Graded Unit puts a much greater emphasis on the role of the Course Team throughout the delivery process. Ideally, the contribution of each Unit towards the Graded Unit should be communicated to candidates, and candidate progress in the Units included in the prior knowledge and skills section of the Graded Unit specification, should be closely monitored and discussed at Course Team meetings.

Marking schemes have an important contribution to play in the whole grading system and a good marking scheme will ensure that the whole process is transparent to all. Good practice would be to retain evidence of candidate work at different grades and use this as a point of reference for those new to marking the Graded Units. This information could be held digitally. All marking schemes should be discussed, clarified and agreed with internal verifiers.

6.6 Assessment strategy

Overall the approach to assessment is holistic within Units throughout these awards although there are opportunities to integrate assessments between Units. Where assessments are integrated between Units it is incumbent on the centre to map where each Outcome is overtaken and to ensure that all Evidence Requirements indicated in each Unit are met.

There is a wide variety of assessment instruments used throughout these awards. These are fully detailed in each of the Units included in the programmes.

The approach to Core Skills is one of development within the context of fashion technology. Core Skills are signposted throughout the awards and where they are embedded candidates will be certificated with the level indicated. Core Skills mapping is detailed in Appendix 2. In addition to the detail shown in each Unit, Core Skills can be developed and encouraged throughout delivery in the following ways:

- ◆ When a project is undertaken, candidates could be encouraged to complete garment costings, produce garment specification sheets and work from measurements to produce garment patterns. This would help develop their numerical skills.
- ◆ When candidates select one design solution, they could be asked to explain why they have rejected the other alternatives and detail the process involved for the selected design solution to develop their oral communications skills as well as their *Problem Solving* skills.
- ◆ Extending IT could be encouraged through use of the internet for research, integration of word processing and digital images, use of digital cameras to record work in progress and use of CAD and pattern development software.

- ◆ As candidates will spend much of their time in an environment where they will have to share facilities, they should be encouraged to extend their skills in working with others. Co-operation and communication are essential aspects of sharing specialist machinery and equipment and working in an area that has health and safety considerations to take into account. In this area of work good housekeeping, eg dealing with pattern making materials, fabrics, garment trimmings, waste materials and showing consideration for others, would also be considered important.

It is recommended that an assessment schedule should be developed by each Course team prior to delivery to ensure that there is minimal bunching of assessments. The assessment schedule developed should include the optional Units chosen by the centre and should take into account serviced Units as well as those delivered within the fashion technology area.

6.7 Resources required

Staff delivering these awards should be familiar and competent in the use of the skills and techniques required in these areas.

Specialist sewing and finishing rooms will be required for delivery of these awards. These rooms will require adequate power supply, appropriate seating, adequate lighting and storage facilities. Machinery and equipment used in the delivery of this programme will be to an industrial standard and include:

- ◆ Single needle lockstitch machines (one per candidate)
- ◆ Overlockers
- ◆ Button hole machine
- ◆ Button sew machine
- ◆ Twin needle machine
- ◆ Basting machine
- ◆ Blindstitch machine
- ◆ Stud press
- ◆ Covered button press
- ◆ Bar tack machine
- ◆ Steam pressing stations
- ◆ Specialist pressing equipment
- ◆ Fusing press
- ◆ Specialist machine attachments

A full range of appropriate fabrics and trimmings must be used in conjunction with the machinery and equipment listed above.

Specialist pattern cutting rooms should have appropriate cutting tables, seating and adequate lighting and storage facilities.

Display space such as pin boards and exhibition space should be available for candidates' work. The design room should have easels and drawing boards.

Candidates will also require access to IT equipment such as digital cameras, scanners, printers, colour printers, CAD software, specialist fashion technology software, presentation software, word processing software and data projectors.

7 General information for centres

Equality and inclusion

The Unit Specifications making up this Group Award have been designed to ensure that there are no unnecessary barriers to learning or assessment. The individual needs of learners will be taken into account when planning learning experiences, selecting assessment methods or considering alternative evidence. 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 qualification(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/GuideToAssessment).

8 General information for candidates

The HNC/HND Fashion Technology and Manufacture with Design awards are intended for those wishing to follow a vocational education in the main subject areas associated with the awards. The awards are flexible and wide ranging to prepare you for employment within the industry or for progression to further study within higher educational institutions.

Employment opportunities may be available in the following areas:

- ◆ Garment Technologist, operating from a central controlling department overseeing off shore production
- ◆ Fashion Buying and Sourcing, dealing with suppliers of garments and various garment trimmings
- ◆ Quality Assurance, establishing quality standards and maintaining the standards set
- ◆ Management Trainee, in the areas of Bulk Cutting and Garment Manufacture
- ◆ Pattern Cutters, developing and making the patterns for the garment ranges

However, the position you gain will be dependent on the choice of Units you take and the level you study them to, ie HNC or HND.

Instead of entering employment within the industry you want to use your newfound skills to start up your own small business enterprise. With the wide range of practical skills that are included in the awards you may be able to open up your own small business enterprise in the following specialist areas:

- ◆ Bridal and evening wear
- ◆ Ladies and men's made to measure fashions
- ◆ Soft furnishings
- ◆ Dance and club wear
- ◆ Garment alterations

Successful completion of the award can also lead to direct entry to 3rd or 4th year on a degree programme.

There are no formal articulation agreements in place for these Group Awards but there were three formal agreements with universities within the UK for the predecessor award. These existing agreements will be reviewed for the revised awards. As entry qualifications and articulation requirements for degree courses can vary significantly you should be advised to investigate articulation possibilities with your preferred HEI, prior to choosing your optional Units.

If you do make use of these articulation routes and are successful in completing your chosen degree programme progression into a teacher training programme is also possible, this can eventually provide you with a qualification that will enable you to teach in the area of Fabric and Fashion within Secondary Education.

The Fashion Technology section also has informal links with a university in the Glasgow area providing a possible route into a degree programme in a fashion related subject. This has in the past been used by candidates who could not leave the West of Scotland for various personal reasons.

Although delivery through Open Learning may be available or suitable for some aspects of the programmes, opportunities will be limited due to the number of workshop-based subjects, which require practical demonstrations, and extensive use of specialist machinery and equipment.

Who should apply for the course?

This course would best suit those:

- ◆ who are interested and enjoy all aspects of designing and manufacturing garments
- ◆ who already have an NQ at SCQF level 5 or 6 in the area of Fashion and Textile Technology
- ◆ who wish to pursue a career in the Fashion Technology industry
- ◆ employees currently working in the Fashion Technology industry
- ◆ who work or have ambitions to work in a supervisory capacity within the Fashion Technology industry
- ◆ mature candidates seeking retraining for a career change

Staff in colleges will normally interview course applicants to ascertain suitability and consider support needs if required.

What kind of study is involved?

The awards comprise of a series of SQA Higher National Units, which have been designed to meet the needs of the fashion technology industry.

To achieve the HNC, you will have to achieve 12 credits. This includes 10 mandatory credits and two credits from a list of optional choices. The mandatory credits includes a Graded Unit, which will be project-based.

To achieve the HND, you will have to achieve 30 credits. This includes 25 mandatory credits and five credits from a list of optional choices. The mandatory credits includes a Graded Unit, which will be project-based.

Part-time study may be available on an infill basis to a full-time programme.

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 HN credit is equivalent to 8 SCQF credit points. This applies to all HN Units, irrespective of their level.

SCQF levels: The SCQF covers 12 levels of learning. HN Units will normally be at levels 6–9. Graded Units will be at level 7 and 8.

Subject Unit: Subject Units contain vocational/subject content and are designed to test a specific set of knowledge and skills.

Graded Unit: Graded Units assess candidates' ability to integrate what they have learned while working towards the Units of the Group Award. Their purpose is to add value to the Group Award, making it more than the sum of its parts, and to encourage candidates to retain and adapt their skills and knowledge.

Dedicated Core Skill Unit: This is a Unit that is written to cover one or more particular Core Skills, eg HN Units in Information Technology or Communications.

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 HNC/D 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 HNCs and HNDs are those developments or revisions undertaken by a group of centres in partnership with SQA.

Specialist single centre and specialist collaborative devised HNCs and HNDs are those developments or revisions led by a single centre or small group of centres who provide knowledge and skills in a specialist area. Like consortium-devised HNCs and HNDs, these developments or revisions will also be supported by SQA.

10 Appendices

Appendix 1: Mapping of Units to aims of the awards

Appendix 2: Core Skills mapping

Appendix 3: Credit transfer arrangements

Appendix 4: Suggested delivery schedules

Appendix 1: Mapping of Units to aims of the awards

Relationship of mandatory Units to the aims of the HNC:

Unit title	Unit code	General aims	Specific aims
Fashion Technology: Pattern Drafting and Development	F1PL 34	1, 3, 4, 5, 6	7, 9
Pattern Development for the Fashion Industry	F1PW 34	1, 3, 4, 5, 6	7, 9
Sewing and Finishing Techniques for Garment Development	F1PY 34	1, 3, 4, 5, 6	7, 9
Couture Techniques: An Introduction	F1PB 34	1, 3, 4, 5, 6	7, 9
Garment and Equipment Technology for the Fashion Industry	F1PP 34	1, 2, 3, 4, 5, 6	7, 9
Fashion: Preparation and Cutting of a Sample Garment	F1PM 34	1, 3, 4, 5, 6	7, 9
Garment Manufacture: An Introduction to Working Drawings	F1PR 34	1, 3, 4, 5, 6	7, 9
Textile Fibres, Yarns and Fabrics	F1RO 34	1, 2, 3, 4, 6	7, 8, 9
Pattern Development and Fitting Tailored Garments	F1PV 35	1, 3, 4, 5, 6	3, 6, 7
Fashion Technology and Manufacture with Design: Graded Unit 1	F293 34	1, 2, 3, 4, 5, 6	7, 8, 9

Relationship of mandatory Units to the aims of the HND:

Unit title	Unit code	General aims	Specific aims
Fashion Technology: Pattern Drafting and Development	F1PL 34	10, 11, 13, 14	17, 18, 19
Pattern Development for the Fashion Industry	F1PW 34	10, 11, 13, 14	17, 18, 19
Complex Pattern Development and Customisation	F1P8 35	10, 11, 13, 14	17, 18, 19
Apparel Industry: UK and Global Manufacturing and Sourcing Decisions	F1P6 34	11, 12, 14	17, 18, 19
CAD Pattern Development	F1P7 34	11, 12, 13, 14	17, 18, 19
Fashion: Preparation and Cutting of a Sample Garment	F1PM 34	10, 11, 13, 14	17, 18, 19
Sewing and Finishing Techniques for Garment Development	F1PY 34	10, 11, 13, 14	17, 18, 19
Couture Techniques: An Introduction	F1PB 34	10, 11, 13, 14	17, 18, 19
Sewing and Finishing for Garment Development: Advanced Techniques	F1PX 35	10, 11, 13, 14	17, 18, 19
Grading for the Fashion Industry	F1PS 34	10, 11, 13, 14	17, 18, 19
Garment and Equipment Technology for Fashion Industry	F1PP 34	10, 11, 13, 14	17, 18, 19
Fashion Design: Producing Fashion Illustrations	F1PH 34	1, 3, 4, 5, 6	7, 9
Garment Manufacture: An Introduction to Working Drawings	F1PR 34	10, 11, 13, 14	17, 18, 19
Apparel Industry: UK and Global Manufacturing and Sourcing Decisions	F1P6 34	7, 10, 11, 13, 14	1, 17, 18, 19

Unit title	Unit code	General aims	Specific aims
Pattern Development and Fitting Tailored Garments	F1PV 34	7, 10, 11, 13, 14	1, 17, 18, 19
Drape and Flat Pattern making: Basic Techniques	F1PD 34	10, 11, 13, 14	17, 18, 19
Textile Fibres, Yarns and Fabrics	F1RO 34	10, 11, 12, 14	17, 18, 19
Fashion: Technical Planning and Production Techniques	F1PN 34	10, 11, 12, 13, 14	15, 17, 18, 19
Fashion Technology: Design and Produce an Outfit	F1PK 34	10, 11, 13, 14	15, 16, 17, 18, 19
Fashion Technology: Design and Produce a Range of Garments	F1PJ 35	10, 11, 12, 13, 14	15, 16, 17, 18, 19
Fashion Technology and Manufacture with Design: Graded Unit 1	F293 34	10, 11, 13, 14	15, 16, 17, 18, 19
Fashion Technology and Manufacture with Design: Graded Unit 2	F295 35	10, 11, 12, 13, 14	15, 16, 17, 18, 19

Appendix 2: Core Skills mapping

HNC/HNC Fashion Technology and Manufacture with Design

Unit no	Unit name	Written Comms – Reading	Written Comms – Writing	Oral Comms	Using Graphic al Info	Using Number	Using IT	Problem Solving CT	Problem Solving P & O	Problem Solving R & E	WVO
F1PM 34	Fashion: Preparation and Cutting of a Sample Garment								SP level 5		SP level 5
F1PY 34	Sewing and Finishing Techniques for Garment Development								SP level 5		SP level 5
F1PP 34	Garment and Equipment Technology for the Fashion Industry						SP level 5		SP level 5	SP level 5	SP level 5
F1PN 34	Fashion: Technical Planning and Production Techniques	SP level 5			SP level 5	SP level 5		SP level 5	SP level 5	SP level 5	
F1PC 35	Design and Manufacture a Bridal or Eveningwear Garment					SP level 5	SP level 5	SP level 5	SP level 5		SP level 5
F1PS 34	Grading for the Fashion Industry				SP level 5	SP level 5		SP level 5	SP level 5		
F1PT 35	Hand Craft Tailoring					SP level 5			SP level 5	SP level 5	SP level 5
F1P8 35	Complex Pattern Development and Customisation					SP level 5			SP level 5		

Unit no	Unit name	Written Comms – Reading	Written Comms – Writing	Oral Comms	Using Graphic al Info	Using Number	Using IT	Problem Solving CT	Problem Solving P & O	Problem Solving R & E	WVO
F1PV 35	Pattern Development and Fitting for Tailored Garments					SP level 5			SP level 5		
F1P9 34	Corset Production: An Introduction						SP level 5		SP level 5		SP level 5
F1PJ 35	Fashion Technology: Design and Produce a Range of Garments	SP level 6	SP level 6	SP level 6		SP level 6	SP level 5				SP level 6
F1PX 35	Sewing and Finishing for Garment Development: Advanced Techniques								SP level 6		SP level 5
F1PK 34	Fashion Technology: Design and Produce an Outfit	SP level 5	SP level 5	SP level 5		SP level 5			SP level 5		SP level 5
F1PD 34	Drape and Flat Pattern Making: Basic Techniques							SP level5	SP level 5	SP level 5	
F1PL 34	Fashion Technology: Pattern Drafting and Development					SP level 5			SP level 5		
F1PH 34	Fashion Design: Producing Fashion Illustrations	SP level 5	SP level 5	SP level 5				SP level 5	SP level 5	SP level 5	

Unit no	Unit name	Written Comms – Reading	Written Comms – Writing	Oral Comms	Using Graphic al Info	Using Number	Using IT	Problem Solving CT	Problem Solving P & O	Problem Solving R & E	WVO
F1PR 34	Garment Manufacture: An Introduction to Working Drawings	SP level 5	SP level 5	SP level 5				SP level 5	SP level 5	SP level 5	
F1PA 35	Costume Research and Development	SP level 5	SP level 5	SP level 5			SP level 5		SP level 5		
F1R0 34	Textile Fibres, Yarns and Fabrics	SP level 5	SP level 5	SP level 5			SP level 5				
F1PW 34	Pattern Development for the Fashion Industry					SP level 5		SP level 5	SP level 5		
F1P7 34	CAD Pattern Development					SP level 5	SP level 5	SP level 5	SP level 5	SP level 5	
F1P6 34	Apparel Industry: UK and Global Manufacturing and Sourcing Decisions	SP level 5	SP level 5	SP level 5		SP level 5	SP level 5	SP level 5	SP level 5	SP level 5	SP level 5
F1PG 34	Fabric Techniques							SP level 5	SP level 5	SP level 5	
F293 34	Fashion Technology and Manufacture with Design: Graded Unit 1	SP level 5	SP level 5	SP level 5	SP level 5	SP level 5	SP level 5	EMB level 5	EMB level 5	EMB level 5	SP level 5
F295 35	Fashion Technology and Manufacture with Design: Graded Unit 2	SP level 6	SP level 6	SP level 6	SP level 6	SP level 6	SP level 6	EMB level 6	EMB level 6	EMB level 6	SP level 6
F1PB 34	Couture Techniques: An Introduction			SP level 5				SP level 5	SP level 5	SP level 5	SP level 5

Appendix 3: Credit transfer arrangements

Old Unit title	Old Unit code	Revised Unit title	Revised Unit code	Comments
Garment Manufacture: Block Pattern Drafting/Manipulation for Mens/Womens garments	BA30 04	Fashion Technology: Pattern Drafting and Development	F1PL 34	Full credit transfer
Garment Manufacture: Pattern Manipulation for mens and ladies Light Clothing	BA2V 04	Pattern Development for the Fashion Industry	F1PW 34	Full credit transfer
Garment Manufacture: Pattern Manipulation for Mens and Ladies Outerwear	BA35 04	Complex Pattern Development and Customisation	F1P8 35	Full credit transfer
Garment Manufacture: Pattern Grading for Outerwear Garment Manufacture: Pattern Grading Light Clothing	BA37 04 BA32 04	Grading for the Fashion Industry	F1PS 34	Full credit transfer if candidates have achieved both BA37 04 and BA32 04.
Garment Manufacture: Basic Cutting and Sewing Skills Garment Manufacture: Machine Sewing Skills for Light Clothing Garments Garment Manufacture: Machine Sewing Skills for Outerwear Garments	BA2W 04 BA2X 04 BA36 04	Sewing and Finishing Techniques for Garment Development Couture Techniques: An Introduction Sewing and Finishing for Garment Development Advanced Techniques	F1PY 34 F1PB 34 F1PX 35	These Units cover all elements required except for Outcome1 of BA2W 04. Full credit transfer if all three Units are done.

Old Unit title	Old Unit code	Revised Unit title	Revised Unit code	Comments
Garment Manufacture: Understanding the Use of Garment Equipment Technology Understanding Cutting and Sewing Systems	BA33 04 BA39 04	Garment Equipment and Technology for the Fashion Industry Fashion: Preparation and Cutting a Sample Garment	F1PP 34 F1PM 34	Full credit transfer if both Units are done.
Garment Development: Modelling Techniques Basic Skills	BA34 04	Drape and Flat Pattern Making: Basic Techniques	F1PD 34	Full credit transfer
Garment Manufacture: Using Control Systems for Production Efficiency	BA1V 04	Fashion: Technical Planning and Production Techniques	F1PN 34	Full credit transfer
Organisation and Management Theories	D4T5 34	Apparel Industry: UK and Global Manufacturing and Sourcing Decisions	F1P6 34	The old Unit is a general business Unit on organisations and business management theories. The new Unit is a more specific business Unit for the apparel industry — regarding the UK and global manufacturing and sourcing decisions. Although they are not giving the same knowledge and skills they are comparable — the new Unit is more specific to the clothing industry. Partial credit transfer only.
Using Computerized Pattern Manipulation and Grading	BA20 04	CAD: Pattern Development	F1P7 34	Full credit transfer
Garment Manufacture: Design and Production Integrated Project for an Outfit	BA31 04	Fashion Technology: Design and Produce an Outfit	F1PK 34	Full credit transfer However please note old Unit is 3 credits and revised Unit is 2 credits.

Old Unit title	Old Unit code	Revised Unit title	Revised Unit code	Comments
Garment Manufacture: Design and Production Integrated Project for a Range of Garments	BA38 04	Fashion Technology: Design and Produce a Range of Garments	F1PJ 35	Full credit transfer However please note old Unit is 4 credits and revised Unit is 3 credits.
Garment Manufacture: Hand Tailoring Techniques for Outerwear Garments	BA3C 04	Hand Craft Tailoring	F1PT 35	Full credit transfer
Garment Manufacture: Pattern Manipulation and Garment Manufacture for Individual Figurations	BA3B 04	Pattern Development and Fitting for Tailored Garments	F1PV 35	Full credit transfer
Garment Manufacture: Bridal and Evening Wear	BA3D 04	Design and Manufacture a Bridal or Eveningwear Garment	F1PC 35	Full credit transfer
Garment Manufacture: An Introduction to Working Drawings	BA2Y 04	Garment Manufacturing: An Introduction to Working Drawings	F1PR 34	Full credit transfer
Fashion Design: an Introduction to Fashion Illustration	BA2S 04	Fashion Design: Producing Fashion Illustrations	F1PH 34	Full credit transfer
Understanding General Textile Manufacture	BA2T 04	Textile Fibres, Yarns and Fabrics	F1R0 34	Full credit transfer

Appendix 4: Suggested delivery pattern

COURSE: HNC Fashion Technology and Manufacture with Design

Mode of study: Full-time to complete 12 credits consisting of 10 Mandatory and 2 Optional

Unit no	Unit title	Level	M/O	Credit value	Hours per Block	
					Block I	Block II
F1PL 34	Fashion Technology: Pattern Drafting and Development	7	M	1	36	
F1PW 34	Pattern Development for the Fashion Industry	7	M	1	36	
F1PY 34	Sewing and Finishing Techniques for Garment Development	7	M	1	36	
F1PB 34	Couture Techniques: An Introduction	7	M	1	36	
F1PM 34	Fashion: Preparation and Cutting of a Sample Garment	7	M	1	36	
F1PP 34	Garment and Equipment Technology for the Fashion Industry	7	M	1	36	
F1PR 34	Garment Manufacture: An Introduction to Working Drawings	7	M	1	36	
F1R0 34	Textile Fibres, Yarns and Fabrics	7	M	1	36	
F1PV 35	Pattern Development and Fitting Tailored Garments	8	M	1		36
F293 34	Fashion Technology and Manufacture with Design: Graded Unit 1	7	M	1		36
<i>With two options from:</i>						
F1P9 34	Corset Production: An Introduction	7	O	1		
F1PD 34	Drape and Flat Pattern Making: Basic Techniques	7	O	1		
DE1K 33	Workplace Communication in English	6	O	1		36
F1PK 34	Fashion Technology: Design and Produce an Outfit	7	O	2		72
	Total			12	288	144

COURSE: HND Fashion Technology and Manufacture with Design — Year 1

Mode of study: Full-time to complete 15 credits

Unit no	Unit title	Level	M/O	Credit value	Hours per Block	
					Block I	Block II
F1PL 34	Fashion Technology: Pattern Drafting and Development	7	M	1	36	
F1PW 34	Pattern Development for the Fashion Industry	7	M	1	36	
F1PY 34	Sewing and Finishing Techniques for Garment Development	7	M	1	36	
F1PB 34	Couture Techniques: An Introduction	7	M	1	36	
F1PM 34	Fashion: Preparation and Cutting of a Sample Garment	7	M	1	36	
F1PP 34	Garment and Equipment Technology for the Fashion Industry	7	M	1	36	
F1PV 35	Pattern Development and Fitting Tailored Garments	8	M	1	36	
F1R0 34	Textile Fibres, Yarns and Fabrics	7	M	1	36	
F1PV 35	Pattern Development and Fitting Tailored Garments	8	M	1		36
F293 34	Fashion Technology and Manufacture with Design: Graded Unit 1	7	M	1		36
F1PD 34	Drape and Flat Pattern Making: Basic Techniques	7	M	1		36
F1PK 34	Fashion Technology: Design and Produce an Outfit	7	M	2		72
F1PS 34	Grading for the Fashion Industry	7	M	1		36
F1P7 34	CAD Pattern Development	7	M	1		36
	Total			15	288	252

COURSE: HND Fashion Technology and Manufacture with Design — Year 2

Mode of study Full-time to complete 15 credits 11 Mandatory and 4 Optional

Unit no	Unit title	Level	M/O	Credit value	Hours per Block	
					Block I	Block II
F1P8 35	Complex Pattern Development and Customisation	8	M	1	36	
F1PX 35	Sewing and Finishing for Garment Development: Advanced Techniques	8	M	1	36	
F1PN 34	Fashion: Technical Planning and Production Techniques	8	M	1	36	
F1PR 34	Garment Manufacture: An Introduction to Working Drawings	7	M	1	36	
F1P6 34	Apparel Industry: UK and Global Manufacturing and Sourcing Decisions	8	M	1	36	
F1PJ 35	Fashion Technology: Design and Produce a Range of Garments	8	M	3		108
F295 35	Fashion Technology and Manufacture with Design: Graded Unit 2	8	M	2		72
<i>With options from:</i>						
F1P9 34	Corset Production: An Introduction	7	O	1		
F1PC 35	Design and Manufacture a Bridal or Eveningwear Garment	8	O	2		72
DE1K 33	Workplace Communication in English	6	O	1		
F1PA 35	Costume Research and Development	8	O	2		
F1PT 35	Hand Craft Tailoring	8	O	2	72	
DE3C 34	Marketing: An Introduction	7	O	1		
	Total			15	252	252