



Higher National Graded Unit specification

General information for centres

This Graded Unit has been validated as part of the HNC Fashion Technology and Manufacture with Design. Centres are required to develop the assessment instrument in accordance with this validated specification. Centres wishing to use another type of Graded Unit or assessment instrument are required to submit proposals detailing the justification for change for validation.

Graded Unit title: Fashion Technology and Manufacture with Design:
Graded Unit 2

Graded Unit code: F295 35

Type of Graded Unit: Project

Assessment Instrument: Practical Assignment

Credit points and level: 2 HN credits at SCQF level 8: (16 SCQF credit points at SCQF level 8*)

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

Purpose: This Graded Unit is designed to provide evidence that the candidate has achieved the following principal aims of the HND Fashion Technology and Manufacture with Design:

- ◆ to enable candidates to carry out complex project work involving research, analysis, planning and budgeting
- ◆ to enable candidates to demonstrate the ability to manage projects effectively and evaluate their effectiveness in terms of budget and feasibility
- ◆ to develop a range of high level vocational skills within the context of Apparel studies
- ◆ to develop employment skills for a range of careers in the Apparel and related industries
- ◆ to provide the experience of working in an Apparel related environment
- ◆ to develop candidates' knowledge and skills such as planning, analysis, synthesising and evaluating work on an ongoing basis
- ◆ to enable progress within the SCQF
- ◆ to develop study and research skills appropriate to SCQF level 8
- ◆ to prepare candidates in specialist skills for progression to further studies in apparel and related areas
- ◆ to develop transferable skills including Core Skills to the levels demanded by employers and for progression to a degree in a higher educational institution

General information for centres (cont)

Recommended prior knowledge and skills: It is recommended that the candidate should have completed or be in the process of completing the following Units relating to the above specific aims prior to undertaking this Graded Unit:

F1P8 35	<i>Complex Pattern Development and Customisation</i>
F1PX 35	<i>Sewing and Finishing for Garment Development: Advanced Techniques</i>
F1PR 34	<i>Garment Manufacture: An Introduction to Working Drawings</i>
F1PS 34	<i>Grading for the Fashion Industry</i>
F1PD 34	<i>Drape and Flat Pattern Making: Basic Techniques</i>
F1PN 34	<i>Fashion: Technical Planning and Production Techniques</i>
F1R0 34	<i>Textile Fibres, Yarns and Fabrics:</i>

Core Skills: The achievement of this Graded Unit gives automatic certification of the following: Problem Solving at SCQF level 6. There are also further opportunities to develop Core Skills of Communication, Working with Others, IT and Numeracy at SCQF level 6 in this Graded Unit.

Assessment: This Graded Unit will be assessed by the use of Practical Assignment. The developed Practical Assignment should provide the candidate with the opportunity to produce evidence that demonstrates she/he has met the aims of the Graded Unit that it covers.

Administrative Information

Graded Unit code: F295 35

Graded Unit title: Fashion Technology and Manufacture with Design:
Graded Unit 2

Original date of publication: October 2007

Version: 01

History of changes:

Version	Description of change	Date

Source: SQA

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Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates

Graded Unit title: Fashion Technology and Manufacture with Design:
Graded Unit 2

Conditions of assessment

The evidence for the project is generated over time and involves three distinct stages, where each stage has to be achieved before the next is undertaken. Thus any re-assessment of stages must be undertaken before proceeding to the next stage.

The candidate should be given a date for completion of the Practical Assignment. However, the instructions for the assessment task should be distributed to allow the candidate sufficient time to assimilate the details and carry out the assessment task. During the time between the distribution of the assessment task instructions and the completion date, assessors may answer questions, provide clarification, guidance and reasonable assistance. The assessment task should be marked as soon as possible after the completion date. The final grading given should reflect the quality of the candidate's evidence at the time of the completion date.

If a candidate fails the project overall or wishes to upgrade, then this must be done using a substantially different project, ie all stages are undertaken using a new project, assignment, case study, etc. In this case, a candidate's grade will be based on the achievement in the re-assessment, if this results in a higher grade.

Instructions for designing the assessment task

The assessment task is a project. The project undertaken by the candidate must be a complex task which involves:

- ◆ variables which are complex or unfamiliar
- ◆ relationships which need to be clarified
- ◆ a context which may be familiar or unfamiliar to the candidate

The assessment task must require the candidate to:

- ◆ analyse the task and decide on a course of action for undertaking the project
- ◆ plan and organise work and carry it through to completion
- ◆ reflect on what has been done and draw conclusions for the future
- ◆ produce evidence of meeting the aims which this Graded Unit has been designed to cover

The project must involve a practical assignment resulting in a finished product and candidates must demonstrate the application of the skills and knowledge acquired during the HND Fashion Technology and Manufacture with Design. This assessment instrument is not concerned exclusively with a practical activity, the candidates is provided with a brief that allows them to prepare, plan, demonstrate practical skills and evaluate the outcome.

The candidate will be asked to:

- ◆ plan the manufacture of a garment
- ◆ carry out the manufacturing of the garment

- ◆ evaluate the planning, manufacturing and completed garment

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Candidates must produce a fully lined garment. Candidates would not be expected to design the whole garment but would be expected to alter a given design to suit the brief provided, choose materials and machinery appropriate to the selected garment. Candidates would be expected to incorporate any changes in the design into their production plan for manufacturing the garment.

The brief should allow a degree of choice in the way a project is taken forward so that it may reflect a candidate's interests and personal strengths. The project should also fit centres available resources. A mentoring system as described in the conditions of assessment above would help the candidate to fulfil the brief and ensure the candidate was carrying out appropriate preparation and planning for the task.

In the production of the fully lined garment a set of generic criteria is set out below in the Evidence Requirements. However, the required features and detailed specifications of the lined garment should be clearly defined by the awarding centre and made known to the candidate.

Guidance on grading candidates

Candidates who meet the minimum Evidence Requirements will have their achievement graded as C — competent, or A — highly competent or B somewhere between A and C. The grade related criteria to be used to judge candidate performance for this Graded Unit is specified in the following table.

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Grade A	Grade C
<p>Is a seamless, coherent piece of work which:</p> <ul style="list-style-type: none"> ◆ has sufficient evidence for the three essential phases of the project which is fully detailed for each stage and inter-related and insightful in approach ◆ provides a production plan which breaks down each task and process in detail and attaches realistic timescales to each part of each task. This production plan should allow for contingencies and should show evidence of co-ordination to make the best use of time ◆ demonstrates an accurate insightful interpretation of the project brief and clearly indicates any design changes made and documents the rationale behind these changes ◆ meets the requirements of the brief and produces a lined garment which is sewn and finished to a high standard and which is of marketable quality. The process of production of the garment should be highly focussed ◆ displays a high level of competence in pattern development using machinery, finishing and pressing processes resulting in a garment which are of couture standard ◆ demonstrates effective planning and sequencing of activities throughout the project anticipates problems and reacts to unforeseen problems by effectively ◆ reviewing and amending the production plan ◆ complies with all Health and Safety requirements and shows initiative in investigating potential Health and Safety issues 	<p>Is a co-ordinated piece of work which:</p> <ul style="list-style-type: none"> ◆ has sufficient evidence of the three essential phases of the project ◆ provides a production plan which breaks down tasks and attaches realistic timescales to each part of the process ◆ demonstrates an accurate interpretation of the project brief and incorporates and justifies any design changes made ◆ meets the requirements of the brief and produces a lined garment of a consistent standard and finish which is of marketable standard ◆ displays competence in hands-on execution of practical tasks such as pattern development using machinery, finishing and pressing processes resulting in a garment which is of marketable standard ◆ demonstrates planning and sequencing for the activities in the project and amends the production plan as and when required ◆ complies with Health and Safety requirements

The project will be marked out of 100. Assessors will mark each stage of the project, taking into account the criteria outlined. The marks will then be aggregated to arrive at an overall mark for the project. Assessors will then assign an overall grade to the candidate for this Graded Unit based on the following grade boundaries.

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

- A = 70% — 100%
 B = 60% — 69%
 C = 50% — 59%

Note: the candidate must achieve all of the minimum evidence specified below for each stage of the project in order to achieve the Graded Unit.

Evidence Requirements

The project consists of three stages: planning; developing; and evaluating. The following table specifies the minimum evidence required to pass each stage.

Note: The candidate must achieve **all of the minimum evidence** specified below for each stage of the project in order to pass the Graded Unit.

Project stage	Minimum Evidence Requirements
Stage 1 — Planning	<p><i>The planning stage is worth 30% of the marks.</i></p> <p>The candidate must produce a Production Plan for the planning stage for the manufacture of a fully lined garment This evidence should contain:</p> <ul style="list-style-type: none"> ◆ analysis of a scenario to develop a garment which meets the brief ◆ a production plan which contains: <ul style="list-style-type: none"> a schedule of work materials usage equipment required ◆ projected costs <p><i>The candidate must achieve all of the minimum evidence specified above in order to pass the Planning stage.</i></p>

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Project stage	Minimum Evidence Requirements
Stage 2 — Developing	<p><i>The development stage is worth 50% of the marks.</i></p> <p>The development stage of the assignment must include the product, ie manufacture of a fully lined garment, and a record of the processes.</p> <p>Product</p> <p>The candidate must:</p> <ul style="list-style-type: none"> ◆ make appropriate use of materials and resources ◆ produce a finished garment which is of marketable quality with all ends finished, pressed and presented on a hanger ◆ use safe working practices throughout the manufacturing process <p>Processes</p> <p>A record of the process underpinning the activity must be contained in a log book which must consist of the following:</p> <ul style="list-style-type: none"> ◆ production specification which has been maintained with appropriate editing which takes account of any changes ◆ documentation of the process and organisation ◆ mentoring feedback <p><i>The candidate must achieve all of the minimum evidence specified above in order to pass the Developing stage.</i></p>
Stage 3 — Evaluating	<p>The evaluation stage is worth 20% of the marks.</p> <p>The evaluation stage must include an evaluation report.</p> <p>The evaluation report must contain:</p> <ul style="list-style-type: none"> ◆ a brief outline of the assignment ◆ a review and update of the production plan ◆ an identification of knowledge and skills which have been gained and/or developed ◆ an assessment and strengths and weakness of the output of the practical assignment ◆ an assessment to what extent the assignment met the original brief ◆ an evaluation of the plan, product and logbook ◆ an evaluation of how problems were solved and also how the plan had to be amended <p><i>The candidate must achieve all of the minimum evidence specified above in order to pass the Evaluating stage.</i></p>

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Support notes

It is envisaged that this Graded Unit would be started approximately 60% through the candidate's studies with an increasing amount of time available for the Graded Unit being spent towards the end of the Group Award. It should not be seen as a repeat of previous Unit assessments. The emphasis should be on the integration and application of existing knowledge and skills.

Time management is an important aspect of planning, developing and evaluating a practical activity and in order to help candidates manage their time effectively, lecturers should consider setting up individual progress reviews with candidates at the start of the delivery of the Graded Unit. Lecturers may consider developing a centre proforma to record their discussions with candidates. These discussions or mentoring activities are an essential part of the Graded Unit and should help ensure that candidates keep to timelines and should be included in their portfolio. The grade finally achieved by the candidate depends on the work submitted. It is therefore very important that staff do not give undue assistance. The level of assistance should be fully discussed at Course Team level and any assistance given should be logged in the candidate's mentoring records.

The amount of time spent planning the project at this stage is seen as critical to the development of skills which are genuinely transferable in the Apparel industry. Part of the planning will require candidates to negotiate use of equipment and facilities and co-operation with others in the class group. While it is not essential that all delivery takes place in a workshop, lecturers should try to ensure that a flexible approach towards ensuring workshop facilities are available to candidates. Access to computers is likely to be required for accessing the internet for research activities, word processing, working with visuals and possibly for utilising presentation software.

Candidates will have to interpret and extract the information they require from the brief and use this research information to determine what materials are best suited to meet the project brief. They will be required to present a summary of the information gathered and a summary of the development process and the evaluation process as part of the report they produce. This could be done as an oral presentation or customer presentation. If this approach is taken the presentation should be given to a minimum of two people and should be recorded. An alternative format would be to use a client board and while candidates could use presentation software, they could also base their presentation on the evidence they have gathered throughout the project ie their log book, the product and their evaluation. Additionally, candidates will have records of discussions with their lecturers which they should develop into notes. Use of visuals and appropriate software should be encouraged throughout the Course. Candidates should be encouraged throughout to use digital images as part of their evidence and to record the ongoing product development.

A presentation utilising the plan, the product and the log book should be given by the candidate for approximately 10 minutes highlighting how problems were solved and how the plan was amended. This should include evaluation of the overall outcome.

The Core Skill of Numeracy at SCQF level 6 is developed through measuring, calculation of quantities of materials and allowing for wastage and calculating costs are all part of this Graded Unit and candidates should be including comparisons of final figures with those in the initial plan as part of the customer presentation. They will also demonstrate their skills in interpreting specifications and technical drawings and will be required to measure accurately, calculate working scales, calculate fabric and material usage and calculate costs involved.

The Core Skill of Problem Solving at SCQF level 6 is embedded in this Graded Unit and is clearly seen in the planning, development and evaluation processes.

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

The Core Skill of Communication at SCQF level 6 is developed through candidates completing their logbooks and in their evidence of research. Candidates will also require to present information to show evidence of meeting the client brief. This could include information researched on the internet, from dedicated fashion technology software packages, books and journals such as manufacturing techniques, manufacturing specifications, Health and Safety and details of machinery and equipment.

In preparing this work candidates will develop the Core Skill of IT at SCQF level 6. They will use the internet, word processing skills and may choose to use presentation software or project planning software.

Additionally, candidates will have to demonstrate their ability in Working with Others at SCQF level 6 in a healthy and safe workshop environment. Candidates will require them to agree times and opportunities for using machinery and equipment and to work in a co-operative manner to ensure they are maintaining a healthy and safe environment.

Candidates with disabilities and/or additional support needs

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments or considering alternative assessment arrangements. For information on these, please refer to the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs*, which is available on SQA's website: **www.sqa.org.uk**.

General information for candidates

Sixty percent of the way through your Course, you will start your Graded Unit. The purpose of this Graded Unit is to bring together many of the different skills, techniques and knowledge you have learned throughout your Course. You will already have studied or be in the process of studying the following Units:

F1P8 35	<i>Complex Pattern Development and Customisation</i>
F1PX 35	<i>Sewing and Finishing for Garment Development: Advanced Techniques</i>
F1PR 34	<i>Garment Manufacture: An Introduction to Working Drawings</i>
F1PS 34	<i>Grading for the Fashion Industry</i>
F1PD 34	<i>Drape and Flat Pattern Making: Basic Techniques</i>
F1PN 34	<i>Fashion: Technical Planning and Production Techniques</i>
F1R0 34	<i>Textile Fibres, Yarns and Fabrics:</i>
F293 34	<i>Fashion Technology and Manufacture with Design: Graded Unit 1</i>

This Graded Unit also reflects the main aims of the HND Fashion Technology and Manufacture with Design. These are:

- ◆ to enable you to carry out complex project work involving research, analysis, planning and budgeting
- ◆ to enable you to demonstrate the ability to manage projects effectively and evaluate their effectiveness in terms of budget and feasibility
- ◆ to develop a range of high level vocational skills within the context of Apparel studies
- ◆ to develop employment skills for a range of careers in the Apparel and related industries
- ◆ to provide the experience of working in an Apparel related environment
- ◆ to develop candidates' knowledge and skills such as planning, analysis, synthesising and evaluating work on an ongoing basis
- ◆ to enable progress within the SCQF
- ◆ to develop study and research skills appropriate to SCQF level 8
- ◆ to prepare candidates in specialist skills for progression to further studies in apparel and related areas
- ◆ to develop transferable skills including Core Skills to the levels demanded by employers and for progression to a degree in a higher educational institution

You will be asked to apply some of the skills, techniques and knowledge you have learned in these units to a practical assignment. As part of the Graded Unit you will be asked to demonstrate your practical skills and techniques but you will also have to show how you will plan, develop and evaluate to provide a solution, just as you would for a customer. You will be asked to make a lined garment as your project. The project is made up of three stages: Planning, Developing and Evaluating. You will have to pass each of these three stages of the project to gain a pass in this Graded Unit. The project is marked out of 100. The marks you gain for each part of the project will be added up and you will be given a final grade for the Graded Unit.

The grade you receive is based on the following grade boundaries

A	=	70%	—	100%
B	=	60%	—	69%
C	=	50%	—	59%

General information for candidates (cont)

If you pass the Graded Unit you will also achieve the Core Skill of Problem Solving at SCQF level 6. Depending on the activities you complete, there may be opportunities to develop other Core Skills. For example, you may develop Communication at SCQF level 6 through discussion with your lecturer, preparing a report and completing your log book. You may develop your IT skills and Numeracy skills to SCQF level 6 researching on the internet, using specialist fashion technology software packages, measuring and calculating materials usage and costs. You may also develop skills in Working with Others to SCQF level 6 by working in a co-operative way with other candidates in negotiating and scheduling limited resources in the workshop and also ensuring that the agreed plans do not jeopardise the health and safety of others.

Throughout the Graded Unit you will meet with your lecturer who will advise you and make sure you are on the right track to complete the Graded Unit within the given timescale. As part of your assessment you will present your ideas and how you developed your solution just as you would to a customer.