

## Higher National Unit Specification

### General information for centres

**Unit title:** Garment Pattern Construction: Blocks, Manipulations and Production

**Unit code:** F188 34

**Unit purpose:** This Unit is designed to develop the candidate's ability to produce basic master blocks and enable them to produce manipulated production patterns to industry standard. The Unit is for those studying or working in the fashion or clothing industry.

On completion of the Unit the candidate should be able to:

- 1 Draft a range of basic block patterns to given specifications.
- 2 Produce a range of manipulations and production patterns from block patterns.
- 3 Produce a full scale production pattern for a given style.

**Credit points and level:** 2 HN Credits at SCQF level 7: (16 SCQF credit points at SCQF level 7\*)

*\*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.*

**Recommended prior knowledge and skills:** Candidates should have previous knowledge of pattern construction which could be evidenced by completion of *Pattern Construction* Units at SCQF level 5/6 or the HN Unit *Garment Production Techniques: An Introduction* at SCQF level 6 or have relevant industrial experience.

**Core Skills:** There are opportunities to develop the Core Skills of Problem Solving and Numeracy at SCQF level 5 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

**Context for delivery:** If this Unit is delivered as part of a Group Award, it is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

**Assessment:** Assessment will be holistic through integrated practical assignments which will involve the production of master blocks and manipulated patterns in both full and 1/5th scale. A closed-book assessment for one of the manipulated patterns is required in Outcome 2.

## **Higher National Unit specification: statement of standards**

**Unit title:** Garment Pattern Construction: Blocks, Manipulations and Production

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The sections of the Unit stating the Outcomes, knowledge and/or skills, and Evidence Requirements are mandatory.

Where evidence for Outcomes is assessed on a sample basis, the whole of the content listed in the knowledge and/or skills section must be taught and available for assessment. Candidates should not know in advance the items on which they will be assessed and different items should be sampled on each assessment occasion.

### **Outcome 1**

Draft a range of basic block patterns to given specifications

#### **Knowledge and/or skills**

- ◆ Measuring techniques and sequence of measures
- ◆ Size charts
- ◆ Block drafting techniques
- ◆ Card blocks
- ◆ Block and pattern information

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and skills by showing that they can: produce a minimum of 5 card block patterns in full scale and 1/5th scale for the following garments — Skirt, Bodice, Blouse, Sleeve, Hip, Dress, Trouser and Dart less bodice. 1/5th scales should be neatly presented in a folder.

Each block should include correct information on:

- ◆ grain lines
- ◆ notches
- ◆ drill holes
- ◆ balance marks
- ◆ size
- ◆ style
- ◆ cutting instructions and
- ◆ pattern piece identification

Candidates should use size charts and sequence of measurements appropriate to the block. Pattern measurements should be within a tolerance of 0.5cm.

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Garment Pattern Construction: Blocks, Manipulations and Production

### **Assessment guidelines**

Candidates could be asked to produce a minimum of 5 block patterns in both full scale and 1/5 scale to the given measurement specifications. The patterns could be within 0.5cm of the Tutor's Master blocks.

### **Outcome 2**

Produce a range of manipulations and production patterns from block patterns

### **Knowledge and/or skills**

- ◆ Block manipulation techniques
- ◆ Production pattern creation
- ◆ Production pattern content and information

### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and skills by showing that they can produce one production pattern and one 1/5th scale production pattern for each block showing at least two style variations for a minimum of 5 blocks. Additionally one full scale manipulation and production pattern should be produced under controlled assessment conditions.

Manipulations should include swinging the dart.

The production pattern information should include:

- ◆ seam allowances
- ◆ grain lines
- ◆ notches
- ◆ drill holes
- ◆ balance marks
- ◆ size
- ◆ style
- ◆ cutting instructions and
- ◆ pattern piece identification.

Candidate performance should be recorded on an observation checklist. Pattern measurements should be within a tolerance of 0.5cm.

### **Assessment guidelines**

The candidate could use the basic blocks from Outcome 1 to construct the manipulated style variations into production patterns. Like Outcome 1 this could be an ongoing assessment with the portfolio of evidence being gathered throughout the Unit.

All 1/5th scale patterns should be maintained in a portfolio.

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Garment Pattern Construction: Blocks, Manipulations and Production

### **Outcome 3**

Produce a full scale production pattern for a given style

#### **Knowledge and/or skills**

- ◆ Blocks manipulation techniques
- ◆ Production pattern creation
- ◆ Production pattern content and information

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and skills by showing that they can produce a production pattern to industry standards which should be detailed in a centre-devised checklist corresponding to the style given to the candidate. The pattern should include all appropriate seam allowances, grain lines, notches, drill holes and written information.

#### **Assessment guidelines**

The candidate could produce a manipulation and production pattern for one of their own designs or to a given specification. All measurements and a record of manipulation and changes to the original plan should be kept and justified.

## Administrative Information

<b>Unit code:</b>	F188 34
<b>Unit title:</b>	Garment Pattern Construction: Blocks, Manipulations and Production
<b>Superclass category:</b>	JK
<b>Original date of publication:</b>	April 2007
<b>Version:</b>	01

### History of Changes:

Version	Description of change	Date
02	Wording on page 2 Evidence Requirements and page 3 Assessment Guidelines has been amended for clarification. Candidates are now only required to create 5 block patterns.	27/11/16

**Source:** SQA

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## Higher National Unit specification: support notes

### Unit title: Garment Pattern Construction: Blocks, Manipulations and Production

This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 80 hours.

### Guidance on the content and context for this Unit

This Unit is included as a mandatory Unit in the framework of the HND Fashion: Design and Production with Retail.

This section is for guidance only and content should be chosen in accordance with current fashion trends. Possible variations may include:

Sleeves	Leg-o-mutton, raglan, gathered, one piece, two piece, dolman, bishop, tulip
Necklines	Sweetheart, V neck, Off the shoulder, halter, cowl
Collars	Peter Pan, 2 piece shirt collar, rever with facings, shawl, roll
Pleats	Inverted, knife, box, sunray, godet
Yokes	Square, round, shaped
Pockets	Patch, welt, single jettted, double jettted, hip pocket
Waistlines	Darts, single pleated, double pleated, cowl, draped, corsellette, belted, empire
Opening	Button stand, gauntlet, bound, concealed
Edge finishes	Hems, flounces, frills

### Guidance on the delivery and assessment of this Unit

#### Outcome 1

Tutor led discussion and demonstration of method of producing basic block patterns using the appropriate equipment and sequence of measurements. Discuss the importance of specifications and consequences of failing to comply to a given specification and the importance of clearly identifying and labelling each component part of the block.

#### Outcome 2

Tutor led discussion and demonstration of swinging the dart and cutting and spreading to create style variations. Style variations should reflect current trends. Tutors/trainers through the use of handouts and practical demonstrations show the candidates how to construct basic blocks and manipulations and production patterns. Master copies of blocks and patterns should be available to check accuracy.

## Higher National Unit specification: support notes (cont)

**Unit title:** Garment Pattern Construction: Blocks, Manipulations and Production

### Outcome 3

Candidate centred practical exercise where the candidate produces a production pattern in full scale for a commercial design.

A candidate centred based learning approach is recommended. The Outcomes in this Unit need not be taught separately and it is likely an integrated approach will be used. Candidates should have access to up to date technical publications.

Each candidate should have several opportunities to develop practical skills and should be assessed at appropriate points throughout the Unit. Where a candidate is unsuccessful in achieving an Outcome provision should be made for remediation and reassessment.

Tutors/trainers through the use of handouts and practical demonstrations show the candidates how to construct basic blocks, manipulations and production patterns. Master copies of blocks and patterns should be available to check accuracy.

Centre may use the instruments of assessment which are considered by tutors/trainers to be the most appropriate. As well as producing what is required within the Outcomes, observation checklists and specification sheets should be devised to evidence the candidate's completion of the practical exercises.

### *Opportunities for developing Core Skills*

The candidate will have the opportunity to develop the Core Skill at SCQF level 5 in Problem Solving. The candidate will have to work sequentially, devise and develop solutions and justify their solutions. Additionally candidates will evaluate the accuracy and quality of their work on an ongoing basis.

Numeracy skills will be developed by the candidate during the course of this Unit through using measurements and size charts and by drawing accurate pattern drafts to match given measurements.

### Open learning

This Unit is unlikely to be delivered by Open learning because of the practical nature of the Unit and because students will need to have practical demonstrations to fully understand the process of creating and manipulating blocks and creating patterns.

### 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 Outcomes for Units. Further advice can be found in the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs* ([www.sqa.org.uk](http://www.sqa.org.uk)).

## General information for candidates

### **Unit title:** Garment Pattern Construction: Blocks, Manipulations and Production

In this Unit you will learn how to:

- ◆ use size charts and measurements to create patterns
- ◆ draft block patterns in full scale and 1/5th scale which are used as a basis for creation of all patterns that you will make — the blocks you will draft are: skirt, bodice, sleeve, blouse/hip, trouser, dress and dart less bodice
- ◆ use these block patterns to create a variety of styles — you will produce these patterns in miniature as well as actual size
- ◆ produce production patterns which can then be used to create garments

By learning how to create these blocks and manipulating them into production patterns you will learn how garments are constructed and how you can alter a basic style to suit your requirements.

At the end of the Unit you will have gathered a portfolio of blocks and patterns in full scale and 1/5th scale which will form the basis of your working portfolio of patterns.

You will be assessed in this Unit by continuous assessment except for one pattern which will be conducted under closed-book supervised conditions.

In studying this Unit you will also develop your skills in Problem Solving and Numeracy.