



National Unit specification: general information

Unit title: Garment Pattern Construction: An Introduction
(SCQF level 5)

Unit code: FP4X 11

Superclass: JK

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Version: 02

Summary

This Unit is designed to provide candidates with an introduction to garment pattern construction using industrial methods. Candidates will learn how to create a basic block from which manipulation sheets can be created. Candidates will create also a production pattern for a garment.

This Unit forms part of the National Certificate in Fashion Design and Manufacture but can also be delivered as a freestanding Unit.

Outcomes

- 1 Produce a full scale block for a basic garment type.
- 2 Produce manipulation sheets and production patterns for a garment.

Recommended entry

While entry is at the discretion of the centre, candidates would normally be expected to have attained a Course or its component Units at SCQF level 4.

Credit points and level

1 National Unit credit at SCQF level 5: (6 SCQF credit points at SCQF level 5*)

**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.*

National Unit specification: general information (cont)

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Core Skills

Achievement of this Unit gives automatic certification of the following Core Skills component:

- ◆ Critical Thinking at SCQF level 5
- ◆ Using Graphical Information at SCQF level 4

There are also opportunities to develop aspects of Core Skills which are highlighted in the Support Notes of this Unit specification.

National Unit specification: statement of standards

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Acceptable performance in this Unit will be the satisfactory achievement of the standards set out in this part of the Unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

Outcome 1

Produce a full scale block for a basic garment type.

Performance Criteria

- (a) Use relevant measurements for a full scale block for a basic garment type.
- (b) Produce a full scale block for a given garment type using correct equipment and techniques in accordance with a given specification.
- (c) Annotate the block with relevant information.

Outcome 2

Produce manipulation sheets and production patterns for a garment.

Performance Criteria

- (a) Implement specified style changes to a full scale block in accordance with given working drawings.
- (b) Create manipulation sheets in accordance with given working drawings.
- (c) Produce production patterns in accordance with given working drawings.
- (d) Annotate the production patterns with relevant information.

Evidence Requirements for this Unit

Evidence is required to demonstrate that candidates have achieved all Outcomes and Performance Criteria.

Outcomes 1 and 2 – Practical exercises

For **Outcome 1** candidates will be required to produce a full scale draft block to a tolerance of ± 1 cm for overall girth and length of the specification. The block should include correct information on grain lines, notches, drill holes, balance marks, size, style and pattern piece identification.

For **Outcome 2** candidates will be required to create two manipulation sheets with a minimum of two style changes per sheet and two production patterns. The production pattern information should include seam allowances, grain lines, notches, drill holes, balance marks, size, style, cutting instructions and pattern piece identification. Pattern measurements should be within a tolerance of ± 1 cm for overall girth and length and comply with the working drawings.

National Unit specification: support notes

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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 40 hours.

Guidance on the content and context for this Unit

This Unit could be studied on its own as a freestanding Unit or it could be studied in conjunction with other Units as part of the National Certificate for Fashion Design and Manufacture.

This Unit will focus on one garment type and skills will be further developed in the two more advanced pattern construction Units for shoulder suspended garments and waist Suspended garments.

Candidates should be introduced to a range of skills in this Unit, including:

- ◆ using tools and equipment (eg tape measure, graduated square, fifth scale diagram square, grade n rule, pattern notchers, scissors, pattern drill, awl, tracing wheel, fine line pencils)
- ◆ taking measurements
- ◆ using size charts and working scales
- ◆ working on a stand
- ◆ drafting block patterns
- ◆ using annotated working drawings (flats/technical drawings)
- ◆ creating manipulation sheets (sometimes referred to as manipulation drafts)
- ◆ producing production patterns (including pattern balance lines/marks, drill holes, notches)

Guidance on learning and teaching approaches for this Unit

A candidate centred, resource based learning approach is recommended. The Outcomes in this Unit need not be taught separately and it is likely that an integrated approach could be used. The Outcomes are likely to be taught in the order shown.

Candidates need to be introduced to a range of skills to enable to them to create and manipulate blocks and create production patterns. Candidates need to understand the human body, how to take accurate measurements and how to use size charts. Candidates should practice taking each other's measurements and relating these to the size charts. Working on a stand with sample fabric will help candidates to develop spatial awareness.

National Unit specification: support notes (cont)

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Having created a basic block, candidates should practice manipulating the block to make basic style changes before progressing the making a production pattern. Manipulations can be practiced in miniature or full scale. The importance of working within tolerances and making accurate annotations on a production patterns should be explained and discussed. Candidates should be encouraged to carry out a realistic evaluation of their manipulation sheets/production patterns against the given working drawings.

It is not anticipated that the production patterns would be cut out in fabric in this Unit but it would be useful to introduce the concept of lay planning.

Guidance on approaches to assessment for this Unit

Each candidate should have several opportunities to develop practical skills required in this Unit and should be assessed at appropriate points throughout the Unit. The Outcomes are likely to be assessed in the order shown. Where a candidate is unsuccessful in achieving an outcome, provision should be made for remediation and reassessment.

Instruments of Assessment

Centres may use Instruments of Assessment which are considered by assessors/tutors to be the most appropriate.

It is recommended that practical exercises are used to assess Outcomes 1 and 2.

Assessment Guidance

Outcome 1

Candidate will be required to create a full scale block for one basic garment type, for example a skirt or basic bodice. Candidates should be issued with specifications and the block should be within a tolerance of ± 1 cm for overall girth and length of the specifications. Candidates can make the block in a standard size using measurements from a size chart or in a customised size by taking measurements of themselves or a fellow candidate.

Outcome 2

Candidates will be required to create two manipulation sheets with a minimum of two style changes per sheet — style changes could include shorten, lengthen, flare, taper, pocket, fastening, waist finish. Candidates should be issued with working drawings and the production patterns must be within ± 1 cm for overall girth and length of the drawings.

National Unit specification: support notes (cont)

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Opportunities for the use of e-assessment

E-assessment may be appropriate for some assessments in this Unit. By e-assessment we mean assessment which is supported by Information and Communication Technology (ICT), such as e-testing or the use of e-portfolios or e-checklists. Centres which wish to use e-assessment must ensure that the national standard is applied to all candidate evidence and that conditions of assessment as specified in the Evidence Requirements are met, regardless of the mode of gathering evidence. Further advice is available in *SQA Guidelines on Online Assessment for Further Education (AA1641, March 2003)*, *SQA Guidelines on e-assessment for Schools (BD2625, June 2005)*.

Opportunities for developing Core Skills

During the delivery of this Unit candidates will be involved a range of practical activities which could offer opportunities for developing aspects of:

- ◆ *Communication*
- ◆ *Problem Solving*
- ◆ *Information and Communication Technology*

The following gives some examples of some of the opportunities for developing these core skills which the Unit makes available to candidates.

Communication (Practical exercises) — providing accurate annotations on block and production pattern.

Problem Solving (Practical exercises) — interpretation of given specifications and working drawings.

Numeracy (Practical exercises) — taking measurements; working within tolerances/specifications.

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

History of changes to Unit

Version	Description of change	Date
02	Core Skills Components Critical Thinking at level 5 and Using Graphical Information at SCQF level 4 embedded.	30/09/2011

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