

**-SQA- SCOTTISH QUALIFICATIONS AUTHORITY**  
**NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION**

**GENERAL INFORMATION**

<b>-Module Number-</b>	<b>3240183</b>	<b>-Session-1993-94</b>
<b>-Superclass-</b>	<b>JK</b>	
<b>-Title-</b>	<b>INTRODUCTION TO GARMENT PATTERN CONSTRUCTION</b>	

**-DESCRIPTION-**

**GENERAL COMPETENCE FOR UNIT:** Calculating working scales using specific measurements as well as explaining the use of measuring and drafting equipment and pattern terminology.

**OUTCOMES**

1. explain the use of measuring and drafting equipment to produce garment patterns;
2. record measurements related to the human figure for garment pattern construction;
3. calculate working scales for a range of garments;
4. explain commonly used pattern terminology.

**CREDIT VALUE:** 1 NC Credit

**ACCESS STATEMENT:** There is no access statement for this module.

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For further information contact: Committee and Administration Unit, SQA, Hanover House, 24 Douglas Street, Glasgow G2 7NQ.

This specification is distributed free to all approved centres. Additional copies may be purchased from SQA (Sales and Despatch section) at a cost of £1.50 (minimum order £5).

**NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION****STATEMENT OF STANDARDS**

**UNIT NUMBER:** 3240183

**UNIT TITLE:** INTRODUCTION TO GARMENT PATTERN  
CONSTRUCTION

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

**OUTCOME**

1. EXPLAIN THE USE OF MEASURING AND DRAFTING EQUIPMENT TO PRODUCE GARMENT PATTERNS

**PERFORMANCE CRITERIA**

- (a) The identification of measuring and drafting equipment is correct.
- (b) The explanation of the use of measuring and drafting equipment is correct.

**RANGE STATEMENT**

Measuring and drafting equipment; tape measure; graduated square; fifth scale diagram square; grade rule; pattern notchers; scissors; pattern drill; awl; tracing wheel; pattern punch; pencils; hooks.

**EVIDENCE REQUIREMENTS**

Practical evidence of the ability to identify the given range of measuring and drafting equipment and explain the uses of that equipment.

An appropriate performance level must be considered when judging sufficiency of evidence.

**OUTCOME**

2. RECORD MEASUREMENTS RELATED TO THE HUMAN FIGURE FOR GARMENT PATTERN CONSTRUCTION

**PERFORMANCE CRITERIA**

- (a) The identification of parts of the human body for measurement is correct.
- (b) The identification of the specific parts of the human body for measurement for a given garment is correct.

- (c) The measurements taken from a human figure/dummy are within a given tolerance.
- (d) The calculations of indirect measurements taken from a human figure/dummy are within given specifications.
- (e) The recording of the specific measurements is in the correct sequence.

**RANGE STATEMENT**

Body parts as specified. ( See attached size charts).

**EVIDENCE REQUIREMENTS**

Practical evidence of the ability to identify parts of the human body for measurement in the given range and those suitable for a given garment. Performance criterion (b) should be evidenced by at least two exercises, each for a different type of garment.

Written evidence of the ability to record specific measurements.

**OUTCOME**

- 3. CALCULATE WORKING SCALES FOR A RANGE OF GARMENTS

**PERFORMANCE CRITERIA**

- (a) The selection of the body measurements is correct with respect to the chosen garment.
- (b) The calculation of the working scale is accurate with respect to given specification.

**RANGE STATEMENT**

The range statement for this outcome is specified within the performance criteria.

**EVIDENCE REQUIREMENTS**

Written evidence of the ability to calculate the working scale from the selected body measurements.

**OUTCOME**

- 4. EXPLAIN COMMONLY USED PATTERN TERMINOLOGY

**PERFORMANCE CRITERIA**

- (a) The location of given features within the diagram is correct.
- (b) The explanation of given features within the diagram is correct.

**RANGE STATEMENT**

features: grain lines; balance lines/marks; drill holes; notches; (as given in BSI specifications).

**EVIDENCE REQUIREMENTS**

Practical evidence of the ability to identify and locate the given range of features. Written evidence of the ability to explain given features within a diagram.

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**ASSESSMENT RECORDS**

In order to achieve this unit, candidates are required to present sufficient evidence that they have met all the performance criteria for each outcome within the range specified. Details of these requirements are given for each outcome. The assessment instruments used should follow the general guidance offered by the SQA assessment model and an integrative approach to assessment is encouraged. (See references at the end of support notes).

Accurate records should be made of assessment instruments used showing how evidence is generated for each outcome and giving marking schemes and/or checklists, etc. Records of candidates' achievements should be kept. These records will be available for external verification.

**SPECIAL NEEDS**

In certain cases, modified outcomes and range statements can be proposed for certification. See references at end of Support Notes.

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**NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION****SUPPORT NOTES**

**UNIT NUMBER** 3240183

**UNIT TITLE** INTRODUCTION TO GARMENT PATTERN  
CONSTRUCTION

**SUPPORT NOTES:** This part of the unit specification is offered as guidance. None of the sections of the support notes is mandatory.

**NOTIONAL DESIGN LENGTH:** SQA allocates a notional design length to a unit on the basis of time estimated for achievement of the stated standards by a candidate whose starting point is as described in the access statement. The notional design length for this unit is 40 hours. The use of notional design length for programme design and timetabling is advisory only.

**PURPOSE** This module would be appropriate for a candidate who is commencing employment in the clothing industry.

SQA publishes summaries of NC units for easy reference, publicity purposes, centre handbooks, etc. The summary statement for this unit is as follows:

This module will introduce you to the skills required for garment pattern construction. You will learn how to take specific body measurements and calculate working scales for different diagrams. You will also learn about the uses of measuring and drafting equipment as well as commonly used pattern terminology.

**CONTENT/CONTEXT**

Features: style, pattern piece; number to cut; size; seam and hem allowances.

**APPROACHES TO GENERATING EVIDENCE** A candidate-centred, resource-based learning approach is recommended. The outcomes in this module need not be taught separately and it is likely that an integrated approach will be used. The outcomes need not be tackled in the order shown. Candidates should have access to up-to-date manufacturers' catalogues and technical publications.

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

**ASSESSMENT PROCEDURES** Centres may use the instruments which are considered by tutors/trainers to be the most appropriate. Examples of Instruments of Assessment which could be used are as follows:

Outcome 1 -	<p>It is recommended that structured questions are used for Performance Criterion (b). A practical exercise should be used to evidence Performance Criterion (a). An appropriate performance level for the outcome should be as follows:</p> <p>PC(a) - 12 correct responses from 12. PC(b) - 4 correct responses from 6.</p>
Outcomes 2 & 3 -	<p>It is recommended that an assignment could be set here for Performance Criteria (a) to (c) in outcome 2. Practical exercises should be used with a structured checklist. For Performance Criterion (d) the candidate should calculate the indirect measurements. For Performance Criterion (e) the candidate should complete a diagram listed with the correct sequence of measurements.</p> <p>In Outcome 3 a practical exercise and a structured checklist could be used detailing the calculation of the working scale.</p>
Outcome 4	<p>Performance Criterion (a) should be evidenced by a practical exercise, where a candidate locates features on a diagram.</p> <p>Performance Criterion (b) should be evidenced by structured questions.</p> <p>An appropriate performance level for the outcome would be as follows:</p> <p>PC(a) 4 correct responses from 4 PC(b) 4 correct responses from 6.</p>

**PROGRESSION** The candidate could progress into other pattern-cutting modules, and other High National Units.

**RECOGNITION** Many SQA NC units are recognised for entry/recruitment purposes. For up-to-date information see the SQA guide 'Recognised and Recommended Groupings'.

## REFERENCES

1. Guidelines for Module Writers.
2. SQA's National Standards for Assessment and Verification.
3. For a fuller discussion on assessment issues, please refer to SQA's Guide to Assessment.
4. Procedures for special needs statements are set out in SQA's guide 'Students with Special Needs'.

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