

Domain	CLOTHING PRODUCTION	Unit ID: 161
Title:	Manipulate complex pattern blocks	
Level: 4		Credits: 4

Purpose

This unit standard specifies the competencies required to manipulate complex pattern blocks. It includes drawing and interpreting the design, selecting a pattern, modifying an existing pattern, testing a pattern and maintaining records. This unit standard is intended for people who work in an industrial clothing production environment.

Special Notes

1. Entry information
Prerequisite:
 - Unit 130 - *Follow workplace safety procedures in a clothing production environment* or demonstrated equivalent knowledge and skills.
2. To demonstrate competence, at a minimum, evidence is required of interpreting designs and manipulating patterns or blocks. Assessment evidence is collected through manipulation of two pattern blocks which must include jacket blocks and complex dress blocks. These tasks must be performed ensuring correct identification of requirements and finishing of the tasks, correct selection and use of appropriate processes, tools and equipment and completing all work to specification.
3. Assessment evidence may be collected from a real workplace a simulated real workplace or an appropriate simulated realistic environment in which clothing production operations are carried out.
4. Tools, equipment and fabrics may include but are not limited to various pattern styles, tape measure, pencils, pattern equipment and tools, scissor, set square, pattern paper, pattern hooks and rails.
5. Performance of all elements in this unit standard must comply with all relevant workplace requirements and /or manufacturer's specifications.
6. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act, No. 6, 1992
 - Occupational Health and Safety Regulations No. 18, 1997
 and all subsequent amendments.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on www.nta.com.na

Elements and Performance Criteria

Element 1: Draw and interpret the design

Performance Criteria

- 1.1 Design is sketched or drawn, interpreted and clarified according to workplace specifications.
- 1.2 Design lines and features are identified.
- 1.3 Fabric characteristics and performance, and trims and finishings are considered in relation to design.

Element 2: Select a pattern

Performance Criteria

- 2.1 Specifications are read and interpreted.
- 2.2 Special construction methods or trim details of garment that may affect the patterns are identified.
- 2.3 Patterns are obtained and checked to ensure suitability according to design requirements and workplace specifications.

Element 3: Modify existing pattern

Performance Criteria

- 3.1 Steps required to modify the pattern are determined.
- 3.2 Pattern is made, using existing pattern, to meet design requirements.
- 3.3 Pattern pieces are checked for accuracy of seam allowances, seam match, hems and functional openings.

Element 4: Test pattern

Performance Criteria

- 4.1 Pattern is tested for suitability by making a prototype or toile.
- 4.2 Construction problems are identified, where relevant, and alternative construction methods are recommended.
- 4.3 Pattern adjustments are made, as required, and alterations are assessed to meet fitting requirements.
- 4.4 Final patterns are tested against design criteria and specifications.
- 4.5 Labelling of pattern pieces is assessed according to workplace specifications.

Element 5: Maintain records

Performance Criteria

- 5.1 Records are maintained and reports prepared, as necessary according to workplace specifications.
- 5.2 Patterns are filed according to workplace specifications.

Registration Data

Subfield:	Clothing, Leather and Textiles Manufacturing
Date first registered:	28 September 2006
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Body responsible for review:	Namibia Training Authority