



Australian Government

MSTAT4008 Create standard-size garment patterns from existing blocks

Release: 1

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Modification History

Release 1. Unit Code, Title and Application changed. Elements and Performance Criteria simplified with Element 1 and 2 combined. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is equivalent to MSTFD4010 Create pattern to meet design specifications applying advanced pattern-making principles.

Application

This unit describes the skills and knowledge required to create garment patterns for standard sizes from existing blocks using patternmaking techniques that include contouring, square blocking, pivoting and advanced dart manipulation.

This unit applies to individuals working in accordance with pre-determined designs and established procedures. They use discretion, judgement and problem solving to test and alter patterns.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

MSTAT3002 Develop patterns using basic patternmaking principles

Competency Field

Apparel and Textile Production

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Determine pattern requirements	1.1 Identify job requirements from work documentation 1.2 Select and prepare required patternmaking tools, equipment and materials 1.3 Interpret design specifications, and identify design lines and style features

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	1.4 Determine ease allowance and obtain details of base size
2. Create patterns	2.1 Select appropriate block to develop pattern and retrieve from storage system 2.2 Select and use appropriate patternmaking methods and formulas to achieve required outcome 2.3 Check pattern pieces, label and complete markings
3. Check and finalise patterns	3.1 Toile pattern to assess if garment meets specifications 3.2 Make any necessary alterations to finalise pattern and check it is accurate, complete and complies with design specifications 3.3 Complete pattern specification sheets with trade drawings, attach to patterns for storage and file appropriately

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret design specifications
- Writing skills to communicate factual pattern and production information in workplace documents
- Numeracy skills to interpret numerical aspects of design specifications, take accurate measurements and make simple calculations.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Supersedes and is equivalent to MSTFD4010 Create pattern to meet design specifications applying advanced pattern-making principles.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTAT4008 Create standard-size garment patterns from existing blocks

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- develop at least two standard size garment patterns from existing blocks, with the two patterns to collectively demonstrate use of:
 - advanced dart manipulation
 - contouring
 - fitting and seamlines
 - fastenings and function
 - fullness
 - openings
 - pivoting
 - square blocking.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- how to interpret garment design specifications and the types of information included in specifications
- Australian garment sizing systems
- garment patternmaking methods and formulas
- garment styles and features
- basic aspects of body science that impact garment patternmaking.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
- design specifications
- existing blocks
- patternmaking tools and equipment.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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