



Australian Government

MSTAT4007 Construct stock size blocks for garments

Release: 1

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Modification History

Release 1. Unit Code, Title and Application changed. Elements and Performance Criteria simplified with Element 1 removed. Foundation Skills field populated. Range of Conditions removed with relevant information moved to other parts of unit. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is equivalent to MSTFD4008 Construct stock size block for garment to meet size and fit specifications.

Application

This unit describes the skills and knowledge required to construct blocks to meet size and fit specifications in garment production. Blocks are used as the basis for patternmaking to develop new styles.

This unit applies to patternmakers.

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

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. Prepare to construct block	1.1 Interpret and clarify size and fit specifications with designer or relevant personnel 1.2 Identify base size to be constructed and check for compatibility with fit model 1.3 Evaluate and record size and fit model specifications 1.4 Select appropriate construction principles and methods for block construction
2. Construct initial block	2.1 Analyse measurements of fit model and enter data into block drafting formulas and methodology 2.2 Determine required ease allowance 2.3 Construct block using patternmaking technical skills

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.4 Document methods and formulas in required workplace formats 2.5 Cut and construct toiles to check accuracy
3. Complete final block	3.1 Transfer information from toiles to blocks, including any minor adjustments 3.2 Label final blocks and check all necessary information is accurate and complete and complies with specifications 3.3 File and store blocks according to appropriate criteria and complete all required documentation

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 and use blockmaking formulas and work with measurement concepts.

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

Unit Mapping Information

Supersedes and is equivalent to MSTFD4008 Construct stock size block for garment to meet size and fit specifications.

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 MSTAT4007 Construct stock size blocks for garments

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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:

- construct initial blocks and document methods and formulas for at least two of the following garments:
 - basic bodice
 - coats
 - dresses
 - lingerie
 - shirts/blouses
 - skirts
 - trousers/pants.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- construction principles and block construction
- garment construction
- types of garment features
- garment measurement requirements, including:
 - circumference and linear measurements
 - sleeve
 - armhole depth
 - neck circumference
 - waist circumference
- block making methods and formulas
- ease allowance:
 - relating to fit and comfort

- relating to style requirements
- toile construction techniques
- filing criteria for blocks.
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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:
 - size and fit specifications
 - patternmaking tools and equipment.

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

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