



Australian Government

MSTFD5014 Construct complex blocks for fashion garments

Release: 1

MSTFD5014 Construct complex blocks for fashion garments

Modification History

Release 1. Supersedes and is equivalent to LMTFD5014B Construct complex blocks for fashion garments

Application

This unit of competency covers the skills and knowledge required to construct complex blocks for fashion garments.

The unit of competency applies to the construction of blocks to develop patterns for fashion garments that require advanced styling, such as label house, couture, designer label, made-to-measure, bridal or corsetry production.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

MSTFD4008 Construct stock size block for garment to meet size and fit specifications

Competency Field

Fashion design and technology

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Determine job requirements

- 1.1 Follow standard operating procedures (SOPs)
- 1.2 Comply with work health and safety (WHS) requirements at all times
- 1.3 Use appropriate personal protective equipment (PPE) in

			accordance with SOPs
		1.4	Identify job requirements from specifications, drawings, job sheets or work instructions
2	Prepare to construct complex blocks	2.1	Confirm garments in range and obtain profile of target market
		2.2	Interpret and clarify design sketches and drawings, specifications and intended purpose of the design with designer
		2.3	Evaluate and record size and fit model specifications, body movement and comfort requirements
		2.4	Consider fabric characteristics and performance, trims and finishing of the design
3	Construct complex blocks	3.1	Select blocks and block drafting principles and methods for selected fashion garments
		3.2	Analyse measurements and characteristic of fit model and enter data into block drafting formulas and methodology
		3.3	Construct block using patternmaking technical skills and check to ensure compliance with requirements, design specifications and standards
		3.4	Document methods and formulas used
4	Verify blocks for accuracy and suitability	4.1	Check block either manually, by computer or by constructing a toile
		4.2	Construct toiles from block, where required
		4.3	Verify correct proportion, fit and balance and suitability of garment, and make minor adjustments, where required
		4.4	Label final blocks and check for accuracy and completeness of all necessary information to ensure compliance with specifications

5	Develop block portfolio for fashion label	5.1	Present blocks in preparation for development of style patterns according to workplace requirements and cost efficiency
		5.2	File and store blocks on appropriate media according to appropriate criteria and complete all required documentation
		5.3	Maintain records and prepare reports where necessary

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures include one or more of the following:	• requirements prescribed by legislation, awards, agreements and conditions of employment • SOPs • work instructions • oral, written and visual communication • quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output • housekeeping • tasks related to environmental protection, waste disposal, pollution control and recycling • WHS practices
Australian Standards include:	• the relevant industry or Australian Standards that are current at the time this unit is being undertaken
Garment range with advanced	• tailored suits

styling includes one or more of the following:

- eveningwear
- bridal wear
- couture
- stretch trousers
- corsetry
- raglans
- kimonos
- overcoats
- jackets
- capes

Profile includes one or more of the following:

- age
- ethnicity
- gender
- size, body characteristics
- economic and social expectations

Measurement and characteristics of fit model include:

- accurate assessment of body measurement positions (landmark points, such as nape; and levels, such as waist level)
- accurate taking of body measurements, including girth, vertical and horizontal measurements
- age
- sex
- ethnicity
- assessment of physical characteristics, including body characteristics and unique features as aligned with standard representation

Media includes one or more of the following:

- cardboard
- computer file
- tissue paper

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD5014B Construct complex blocks for fashion garments

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 MSTFD5014 Construct complex blocks for fashion garments

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- reading and following work instructions, standard operating procedures (SOPs) and safe work practices
- applying relevant standards
- interpreting designs for label garment range and determining appropriate fabric characteristics and performance, trims and finishing of the design
- recording size and fit model specifications, body movement and comfort requirements
- analysing measurements and entering data into block drafting formulas
- constructing, checking and verifying blocks, for at least two (2) different specified garments or small garment range, with advanced styling
- constructing and adjusting toiles or prototypes, and modifying block as required
- presenting blocks in preparation for development of style patterns according to workplace requirements and cost efficiency
- labelling final blocks and checking all necessary information is accurate and complete and complies with specifications
- filing and storing blocks according to appropriate criteria and maintaining records.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- Australian Standards for the fashion industry
- principles, concepts and processes of block construction
- industry, global and local trends
- detailed knowledge of garment construction
- fabric characteristics and performance
- cost efficiency in relation to block construction and patternmaking
- garments or small garment range with advanced styling, such as:
 - tailored suits
 - eveningwear
 - bridal wear
 - couture

- stretch trousers
- corsetry
- raglans
- kimonos
- overcoats
- jackets
- capes
- patternmaking technical skills
- computer aided design skills relevant to block construction
- block making methods and formulas:
 - deviations from standard patterns
 - sources of pattern components
 - pattern derivation methods and formulas
 - block construction methods and formulas
 - application of current industry practice
- toile construction
- block filing criteria:
 - date
 - category
 - label
 - location
 - gender
 - age
- documentation and recording practices.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in complex block construction at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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