



Australian Government

MSTFD5015 Develop patterns for complex fashion garments

Release: 1

MSTFD5015 Develop patterns for complex fashion garments

Modification History

Release 1. Supersedes and is equivalent to LMTFD5015B Develop patterns for complex fashion garments

Application

This unit of competency covers the skills and knowledge required to develop patterns for the production of complex fashion garments with advanced styling requirements.

The unit of competency applies to the development of patterns using an existing block and applying advanced patternmaking principles.

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

MSTCL3009	Develop patterns from a block using basic patternmaking principles
MSTFD4010	Create pattern to meet design specifications applying advanced patternmaking principles
MSTFD4015	Create pattern from block to meet customer 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 | 1.1 | Follow standard operating procedures (SOPs) |
|---|----------------------|-----|---|

	requirements	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 create patterns	2.1	Select and prepare patternmaking tools, equipment, additional materials, if required, and workstation
		2.2	Interpret and clarify design drawings and specifications, and identify design lines and style features
		2.3	Confirm garments in range, intended purpose and target market with designer
		2.4	Obtain profile of target market, check sketches or drawings and interpret specifications with designer, as required
		2.5	Evaluate and record all design and advanced styling requirements
3	Create pattern for complex garments	3.1	Plan pattern production according to quality standards and workplace procedures
		3.2	Select blocks for block portfolio and check they are accurate and appropriate
		3.3	Make necessary adjustments to seams to create silhouette to match design brief
		3.4	Produce pattern using advanced patternmaking principles and document methods and formulas used
		3.5	Check pattern pieces, label and complete markings
4	Check and finalise patterns	4.1	Test toile or garment segments for proportioning and fit
		4.2	Fit prototype to ensure that pattern is satisfactory to customer

- 4.3 Complete any pattern alterations and assess pattern meets fit and design requirements
- 4.4 Finalise pattern and check it is accurate, complete and complies with design specifications
- 4.5 Complete pattern specification sheet, attach to patterns for storage and file appropriately

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

Design requirements include :

- fabric characteristics and performance
- trim details and finishings
- special construction method
- ease allowances

- identification of fabrics not suitable to the design
- budget constraints
- specification of fit model
- body movement
- comfort

**Style features
include one or more
of the following:**

- garment type
- collar
- sleeves
- yoke
- sides
- openings
- neckline
- buttons
- seams
- zips
- gathers
- pleats
- panels
- tucks

**Advanced styling
includes one or more
of the following**

- label house
- couture
- designer label
- made-to-measure
- bridal
- corsetry

**Complex garments
include one or more
of the following:**

- tailored suits
- eveningwear
- bridal wear
- couture
- trousers
- pants
- suits
- corsetry

**Advanced
patternmaking
methods and**

- deviations from standard patterns
- sources of pattern components

- formulas include the following:**
- pattern derivation methods and formulas
 - block construction methods and formulas
 - application of current industry practice

- Check pattern pieces includes the following:**
- accuracy of seam allowances
 - ease allowance
 - seam match
 - hems
 - functional openings
 - flow through

- Specification documents include the following:**
- number of pattern pieces
 - what the pattern consists of (e.g. 2 bodice, 1 sleeve)
 - measurement table
 - size table
 - technical drawing
 - details of types of materials (fabric, lining, fusing, elastic, closures and trims)
 - sign-off
 - recommendations for stitching

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD5015B Develop patterns for complex 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 MSTFD5015 Develop patterns for complex fashion garments

Modification History

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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 and clarifying design drawings and specifications, design lines and style features
- confirming garments in range, intended purpose and target market with designer
- obtaining profile of target market, checking sketches or drawings, interpreting specifications with designer, as required
- recording all design and advanced styling requirements
- using patternmaking tools and equipment and applying industry standards for advanced patternmaking and complex garment construction
- choosing appropriate block portfolio to develop a complex pattern to suit work specifications
- producing a pattern using advanced patternmaking principles for at least two (2) complex garments with advanced styling, and documenting methods and formulas used
- checking pattern pieces, labelling and completing markings
- fitting toile, prototype or garment segments to check for correct fit, and adjusting patterns to suit customer and design requirements
- finalising pattern, checking it is accurate, complete and complies with design specifications, and completing pattern specification sheet to attach to patterns
- filing patterns according to workplace procedures and maintaining accurate 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 patterns and garment construction
- patternmaking tools and equipment:
 - blocks
 - dress form
 - scissors

- square rule
- marker pens
- hole punch
- pins
- fashion triangle
- French curve
- pattern notcher
- weights
- tape measure
- design specifications and procedures
- target market profile:
 - age
 - ethnicity
 - gender
 - size
 - body characteristics
 - economic and social expectations
- advanced patternmaking 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
- advanced patternmaking procedures:
 - dart manipulation
 - adding fullness
 - pivoting
 - square blocking
 - contouring
 - advanced dart manipulation
- advanced styling requirements, such as:
 - label house
 - couture
 - designer label
 - made-to-measure
 - bridal
 - corsetry
- design requirements and style features:
 - garment type
 - collar

- sleeves
- yoke
- sides
- openings
- neckline
- buttons
- seams
- zips
- gathers
- pleats
- panels
- tucks
- customer and workplace fit requirements
- fabric characteristics
- marker making procedures
- pattern markings:
 - appropriate seam allowance
 - notching
 - pattern information (size, style number, cutting instructions and identity)
 - darts
 - drill holes
 - grain line
 - cutting line
 - stitching line
- cutting and garment construction
- maintaining accurate records.

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 pattern making, 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.

Links

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