



Australian Government

MSTFD4015 Create pattern from block to meet customer specifications

Release: 1

MSTFD4015 Create pattern from block to meet customer specifications

Modification History

Release 1. Supersedes and is equivalent to LMTFD4015B Create pattern from block to meet customer specifications

Application

This unit of competency covers the skills and knowledge required to create a pattern from an existing block for an individual size, and to meet the styling requirements of the customer.

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

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 create pattern to meet customer specifications	2.1	Select and prepare pattern-making 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	Clarify design requirements
		2.4	Determine ease allowance
3	Create pattern	3.1	Measure client, select appropriate block and make size adjustments
		3.2	Plan pattern production according to quality standards and workplace procedures
		3.3	Proportion design lines on dress form
		3.4	Apply patternmaking principles to develop pattern from existing block to customer design and fit
		3.5	Document methods and formulas used
		3.6	Check pattern pieces, label and complete markings
4	Check and finalise pattern	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

4.6 Direct final patterns to next production process

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 the following:

- fabric characteristics and performance
- trim details and finishings
- special construction methods

Methods and formulas include the following:

- deviations from standard patterns
- sources of pattern components
- pattern derivation methods and formulas
- block construction methods and formulas
- application of current industry practice

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD4015B Create pattern from block to meet customer 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 MSTFD4015 Create pattern from block to meet customer specifications

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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
- using patternmaking tools and equipment and applying industry standards for pattern and garment construction
- measuring client, selecting appropriate block and making size adjustments to produce pattern from an existing block for an individual size and to meet the styling requirements of the customer
- applying patternmaking principles to develop at least two (2) patterns from existing block to customer design and fit
- checking pattern pieces, labelling and completing markings, and documenting methods and formulas used
- 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
- patternmaking principles and procedures:
 - dart manipulation
 - adding fullness
 - contouring
- pattern markings:
 - appropriate seam allowance
 - notching
 - pattern information (size, style number, cutting instructions and identity)
 - darts
 - drill holes
 - grain line
 - stitching line
- 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
- 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 patternmaking 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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