



Australian Government

MSTML4007 Make millinery patterns

Release: 1

MSTML4007 Make millinery patterns

Modification History

Release 1. Supersedes and is equivalent to LMTML4007A Make millinery patterns

Application

This unit of competency covers the skills and knowledge required to develop patterns to create individual hats that meet specified design requirements.

This unit of competency applies to confirming design requirements, developing and testing patterns and recording pattern specifications.

Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within defined procedures under direct supervision.

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

Pre-requisite Unit

Nil

Competency Field

Millinery

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

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| 2 | Prepare to make millinery patterns | 2.1 | Interpret and clarify design and construction specifications to confirm millinery requirements |
| | | 2.2 | Obtain and prepare equipment and materials according to workplace procedures |
| | | 2.3 | Obtain suitable pattern templates, if appropriate |
| | | 2.4 | Explore construction requirements and test, if necessary |
| | | 2.5 | Determine steps required to create new pattern |
| | | | |
| 3 | Produce millinery pattern | 3.1 | Use precise design specifications as pattern instruction |
| | | 3.2 | Apply patternmaking principles and pattern construction methods |
| | | 3.3 | Apply the selected techniques to make pattern with consideration for cost efficiencies |
| | | 3.4 | Check pattern pieces for accuracy to include seam allowance and seam match, pattern shape and notching |
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| 4 | Test millinery patterns | 4.1 | Mark out prototype or toile and cut with consideration to fabric cost efficiencies |
| | | 4.2 | Assemble prototype or toile to test feasibility |
| | | 4.3 | Test final patterns comply with design criteria and specifications, and assess accuracy and completeness |
| | | 4.4 | Label and notch final patterns |
| | | | |
| 5 | Record design specifications | 5.1 | Establish customer and design requirements and enter on specification sheet |
| | | 5.2 | Estimate and record material or fabric usage |
| | | 5.3 | Record labour time |
| | | 5.4 | Maintain accurate records and file patterns |

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
- PPE
- 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

Millinery requirements includes:

- identifying design lines and features
- applying headwear sizing systems and principles
- determining appropriate pattern making method
- considering trims, finishings and fabric
- considering material characteristics and performance in relation to the design
- obtaining further detail if necessary

Pattern testing includes:

- determining effect of grain line on material usage, silhouette and handling
- identifying construction problems and where relevant, recommend alternative constructions
- making pattern adjustments as required
- carrying out alterations to meet fitting requirements

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTML4007A Make millinery patterns

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 MSTML4007 Make millinery patterns

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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), safe work practices
- interpreting and clarifying design and construction specifications to confirm millinery patternmaking requirements, and entering on specification sheet
- preparing for patternmaking activity and applying patternmaking principles and pattern construction methods
- producing at least two (2) patterns according to design requirements, selected techniques and cost efficiencies
- checking pattern pieces for accuracy, including seam allowance and seam match, pattern shape and notching
- marking out and cutting prototype or toile with consideration to fabric cost efficiencies
- assembling prototype or toile to test feasibility, and testing final patterns comply with design criteria and specifications
- assessing accuracy and completeness
- labelling and notching final patterns
- estimating and recording material or fabric usage and labour time
- recording pattern specifications, maintaining accurate records and filing patterns.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- millinery policies, standards and guidelines, industry codes of practice, legislative and regulatory requirements
- industry, workplace and production processes
- a range of textiles and materials, including their composition and the stretch quality of fabrics
- standard and non-standard millinery shapes and designs
- millinery production tools and equipment
- headwear sizing systems
- patternmaking principles and pattern construction methods
- millinery accessories

- millinery patternmaking requirements:
 - identifying design lines and features
 - applying headwear sizing systems and principles
 - determining appropriate patternmaking method
 - considering trims, finishings and fabric
 - considering material characteristics and performance in relation to the design
 - obtaining further detail, if necessary
- prototype, toile and pattern testing techniques
- workplace procedures
- recording and reporting 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 making millinery patterns, 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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