



Australian Government

MSTFD2001 Design and produce a simple garment

Release: 1

MSTFD2001 Design and produce a simple garment

Modification History

Release 1. Supersedes and is equivalent to LMTFD2001B Design and produce a simple garment

Application

The unit of competency covers the skills and knowledge required to design, plan and produce a simple garment. Production of the garment involves the use of a domestic sewing machine or plain lockstitch machine. Designs involve modification of existing blocks or patterns.

Work is conducted according to defined procedures and would not be applied in a large scale production environment.

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

Pre-requisite Unit

Nil

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	Determine job requirements from specifications, job sheets or work instructions

2	Plan and prepare to produce garment	2.1	Identify and explore influences and inspirations for design concept
		2.2	Produce storyboard or sketches to assist in the development of ideas
		2.3	Discuss ideas and design concepts with appropriate personnel for review and development of design
		2.4	Select and modify pattern or blocks to suit design and garment size requirements
		2.5	Select, check and prepare materials, tools and equipment
3	Produce garment	3.1	Use a machine to produce garment according to pattern
		3.2	Assess garment against design and pattern, and rectify garment faults
		3.3	Finish garment according to design requirements
4	Review garment production process	4.1	Review production techniques and design to identify future improvements
		4.2	Clean work area and equipment, and store tools and equipment

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

- requirements prescribed by legislation, awards, agreements and conditions of employment

following:

- SOPs
- work instructions
- personal protective equipment (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 requirements

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Garments include one or more of the following:

- accessories
- straight seamed, draw string skirt
- t-shirt
- smock dress
- other garment requiring a small range of sewing techniques and use of a domestic machine and overlocker

Fabrics include one or more of the following

- stable woven and knitted fabrics, such as cotton drill, calico, double knit, rugby knit and poplin

Appropriate personnel include one or more of the following:

- trainer
- co-worker
- mentor

Tools and equipment include one or more of the following:

- pins
- scissors
- needle and thread
- marker or chalk

Machines include one or more of the following:

- domestic sewing machine
- plain lockstitch machine
- overlocker

Unit Mapping Information

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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 MSTFD2001 Design and produce a simple garment

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Performance Evidence

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

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- producing storyboard or sketches to demonstrate design ideas and developing design concept
- developing a pattern to suit design and size requirements
- selecting and preparing fabric, materials, tools and equipment
- using a machine to produce at least two (2) simple garments, using the same or different, fabrics, patterns or blocks
- producing simple garments to meet identified pattern and size requirements
- rectifying garment faults and finishing garment to meet design requirements
- identifying improvements in garment production techniques for future production
- cleaning work area and storing materials, tools and equipment.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- components of the design process:
 - sketches
 - pictures
 - storyboard
 - fabric samples
 - sharing and reviewing ideas
- techniques to modify blocks and patterns
- techniques in using a sewing machine and overlocker
- sizing requirements
- materials for simple garment:
 - fabric

- thread
- buttons
- characteristics of fabrics affecting fabric suitability
- typical fault conditions and related fault-finding procedures:
 - holes
 - inconsistent sewing
 - broken thread
- characteristics of types and styles of threads
- simple equipment maintenance techniques

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 designing and producing a simple garment, 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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