



Australian Government

MSTFD4001 Apply design studio process

Release: 1

MSTFD4001 Apply design studio process

Modification History

Release 1. Supersedes and is equivalent to LMTFD4001B Apply design studio process

Application

This unit of competency covers the skills and knowledge required to apply design studio processes when interpreting and responding to a specified brief to produce a fashion design product.

The unit of competency applies to the integration of skills across the design process and focuses on experimentation of design studio processes to result in the production of a fashion design product. The design brief may be contextualised to a particular context within the fashion industry and includes clear specifications for the product design.

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

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 |

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|---|--|-----|--|
| | | 1.4 | Identify job requirements from specifications, drawings, job sheets or work instructions |
| 2 | Prepare for design and production | 2.1 | Identify specifications of design brief, end-user expectations and purposes of the product |
| | | 2.2 | Research relevant information to guide design and production process |
| | | 2.3 | Analyse information, clarify brief, as required, and identify any additional expertise needed for project |
| | | 2.4 | Identify preliminary design concept |
| 3 | Undertake design and production processes | 3.1 | Implement design processes to experiment with and develop design concepts |
| | | 3.2 | Use appropriate communication tools to seek feedback on design concept from appropriate personnel and modify concept in line with design brief |
| | | 3.3 | Use selection processes to evaluate and refine concept options and develop design |
| | | 3.4 | Identify production requirements and make preparations for production according to Australian Standards |
| | | 3.5 | Identify sequence of operations and complete requirements to develop and confirm design pattern |
| | | 3.6 | Complete required actions to produce finished fashion product |
| 4 | Review design and production processes | 4.1 | Assess finished product against quality criteria, design specifications and design brief |
| | | 4.2 | Evaluate design to identify opportunities for improvement |
| | | 4.3 | Analyse and evaluate production process to identify opportunities for improvement |
| | | 4.4 | Document process and improvements |

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 requirements

Australian Standards include:

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

Specifications for design include three or more of the following:

- budget
- price point
- type of garment
- range
- style requirements
- fit model specifications
- size range
- timeline
- design restrictions or conditions

Relevant information to guide design and production process includes one or more of the following:	• trends • fabrics • production and construction processes • target market • characteristics of target market • resource availability • costs
Selection processes include two or more of the following:	• checking against design brief • discussing with supervisor • testing with target market • testing with production team • discussing with patternmaker • testing with sales and marketing professionals
Preparations for production include the following:	• identifying all components required for production • identifying technical aspects of production • completing specification sheet to guide production • identifying and sourcing resources and production requirements • developing production plan to guide production
Sequence of operations includes the following:	• selecting blocks to meet design brief • modifying blocks to create patterns that meet design requirements and specifications • making pattern according to industry standards, including industry markings and lay plans • creating toile to test accuracy of pattern • confirming pattern against design specifications
Produce finished fashion product includes the following:	• preparing workplace according to WHS practices • preparing materials and resources • cutting fabric according to pattern directions • sewing product according to specifications • finishing product according to specifications

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 MSTFD4001 Apply design studio process

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and meet 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
- determining specifications of design brief, end-user expectations and purposes of the product, and researching relevant information to guide design and production process
- implementing design processes to experiment with and develop design concepts
- using appropriate communication tools seek feedback on design concept from appropriate personnel and modify or refine concept in line with design brief
- confirming production requirements, design pattern, sequence of operations and preparations for production
- producing at least two (2) fashion design products that meet the design brief specifications and Australian Standards
- evaluating completed product design and production processes to identify possible improvements
- documenting design process and possible improvements.

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
- aspects of the design process:
 - applying elements and principles of design
 - developing inspiration boards and storyboards
 - assessing fibres and fabrics
 - reviewing relevant products such as garment sample designs
- design, patternmaking and fashion production tools, equipment and processes:
 - blocks
 - dress form
 - scissors
 - square rule

- marker pens
- hole punch
- pins
- fashion triangle
- French curve
- pattern notcher
- weights
- tape measure
- characteristics of target market:
 - age
 - gender
 - size, body characteristics
 - economic and social expectations
 - purchase pattern
- communication tools:
 - inspiration board
 - storyboard
 - research information
 - multimedia tools
 - print and audio tools
 - demonstration or exhibition
- communication skills and strategies:
 - effective verbal and non-verbal communication
 - oral, written and visual communication
 - active listening
 - positive language
 - recognising and adapting to cultural differences
 - negotiation and conflict resolution skills
- elements and principles of design and how they are used to create good design in the clothing industry:
 - repetition
 - gradation
 - rhythm
 - radiation
 - harmony
 - contrast
 - dominance
 - proportion
 - balance
 - unity

- information sources and requirements for design and production
- structural anatomy impacting on design:
 - skeletal development
 - muscle development
- body morphology:
 - shape
 - form
 - fat distribution
- garment construction
- fabrics, fibres, trims and accessories, and their properties and characteristics
- personnel who can contribute to design brief and studio processes:
 - supervisor
 - trainer/mentor
 - designers
 - patternmakers
 - production supervisors
- quality criteria:
 - proportion
 - perspective
 - symmetry and balance
 - detailing
 - neatness
- 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 fashion design studio processes, 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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