



Australian Government

MSTAT4003 Contribute to garment design refinement and production processes

Release: 1

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Modification History

Release 1. Unit Code, Title and Application changed. Title changed for clarity to make clear that this unit flows from MSTAT4002 where initial concepts are developed. Elements significantly restructured. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTFD4001 Apply design studio process.

Application

This unit describes the skills and knowledge required to take preliminary design concepts and participate in a collaborative process to refine and finalise concepts for production, including contributing to production and evaluating design and production processes. The focus of the unit is on the design process and lead-up to final design concept and pattern rather than on the actual production skills, which are covered in other technical patternmaking and garment construction units.

This unit applies to working in design and production roles as a member of a team and under the guidance of others.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Apparel and Textile Production

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Follow processes for design refinement	1.1 Identify preliminary design concepts from work information and end-user expectations 1.2 Use appropriate communication tools to seek feedback on design concepts from appropriate personnel 1.3 Refine and modify concepts in line with design brief and in collaboration with others 1.4 Use selection processes to determine final concept for design

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	prototype
2. Contribute to production of design	2.1 Identify production requirements based on final design concept 2.2 Identify sequence of operations and complete requirements to develop and confirm design pattern 2.3 Complete required actions to produce finished fashion product in collaboration with others
3. Participate in review of design and production processes	3.1 Assess finished product against quality criteria, design specifications and design brief 3.2 Evaluate design to identify opportunities for improvement 3.3 Analyse and evaluate production process to identify opportunities for improvement 3.4 Document process and improvements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret design brief details and other diverse information that informs the design and production process
- Oral communication skills to engage in discussions about ideas.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTAT4003 Contribute to garment design refinement and production processes

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- contribute to design refinement and production processes for at least two different garments, and during the process:
 - use at least two different design communication tools
 - modify a preliminary concept in response to at least two different requirements of the design brief
 - participate in a collaboration to determine final design concept
 - identify the physical, financial and human resources required for production
 - evaluate at least two aspects of the design and production process to identify possible improvements.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- information that guides the design and production process, including:
 - the original design brief
 - elements and principles of design
 - market trends and target market characteristics
 - sustainability, circularity and product stewardship considerations
 - materials properties and characteristics
 - production and construction processes
 - resource availability
 - costs
- types of personnel who contribute to design and production processes
- processes that may guide the selection of concepts to progress to production, including:
 - checking against design brief

- testing with target market
- testing with production team
- discussing with patternmaker
- testing with sales and marketing professionals
- design, patternmaking and garment production tools, equipment and processes
- design and production communication tools
- communication skills and strategies for effective collaboration.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - initial design concepts.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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