



Australian Government

MSTAT6004 Develop a textile product range

Release: 1

MSTAT6004 Develop a textile product range

Modification History

Release 1. Merges MSTTD6003 and MSTTD6004. Unit Code and Application changed. Elements and Performance Criteria reworked with Element 1 removed. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Performance or 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 MSTTD6003 Develop a textile product range and MSTTD6004 Create and produce textile designs for commercial production.

Application

This unit describes the skills and knowledge required to develop, cost, document and present a proposed product range for textiles other than garments. Products may be artworks, fabrics, fashion accessories, household items, industrial products or leisure products

This unit applies to individuals who take responsibility for the product development process using significant specialised knowledge and skills to make commercial and design judgements for the business.

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

Pre-requisite Unit

Nil

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. Analyse product development and design considerations	1.1 Analyse product development brief to determine requirements and intended purpose of product range 1.2 Identify and investigate internal and external factors that impact product development 1.3 Recognise and analyse design elements, themes and potential concepts

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Develop textile products	2.1 Develop product concepts in line with brief 2.2 Explore and progress design options based on product concepts and the brief 2.3 Identify and explore options for scope of product range and interrelationships between items 2.4 Consult with design team to refine product design and range options in line with the brief 2.5 Develop and document evidence-based cost estimates for proposed products 2.6 Review preliminary plans and make required modifications 2.7 Develop documentation and presentation materials that support the further development of proposed products
3. Present textile product range for approval	3.1 Present proposal for textile product range to client using presentation tools suited to client audience and nature of the brief 3.2 Explain features, costs and benefits of proposed products to the client in line with initial design brief 3.3 Respond to feedback from client and make required modifications 3.4 Review product range to confirm acceptance of proposed designs 3.5 Finalise development process and complete relevant documentation for further development

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 diverse and potentially complex commercial information
- Writing skills to structure formal product development documentation
- Oral communication skills to make presentations and liaise with others
- Numeracy skills to estimate and manipulate financial management data

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/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTAT6004 Develop a textile product range

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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:

- develop, cost, document and present a proposed textile product range comprising at least 10 items for one of the following:
 - artworks
 - fabrics
 - fashion accessories.
 - household products
 - industrial products
 - leisure products.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- research sources
- legislative and regulatory requirements for textile product development, including copyright
- textile industry trends both global and local
- product development factors for consideration, including:
 - textile design trends and their relationship to product development
 - existing themes and their relationship to product development
 - yarn and material suppliers
 - availability, suitability and costing of resources
 - supply chains for product range
- design considerations, including:

- end uses of product
- budget requirements
- production requirements
- timelines
- client requirements
- workplace requirements
- quality requirements
- style and feature requirements
- costing considerations for textile materials and yarns, including:
 - materials
 - resources
 - labour
 - overheads
 - other production costs
- design presentation tools
- scope and requirements of product development documentation.
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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:
 - product development brief.

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

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