



Australian Government

MSTAT4005 Analyse influences on textile design and construction

Release: 1

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Modification History

Release 1. Unit Code, Title and Application changed. Title changed to reflect content. Elements and Performance Criteria simplified and restructured with Element 1 removed and content significantly restructured to remove content found in other units which is not relevant to the analysis of influences (e.g. elements and principles of design and using colour charts. Foundation Skills field populated. Range of Conditions removed. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTTD4007 Analyse textile design influences.

Application

This unit describes the skills and knowledge required to research and analyse historical and contemporary influences on textile designs, products and production processes. This unit relates to textiles other than garments.

This unit applies to individuals working in textile design and construction roles.

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. Source information on textile designs and products	1.1 Identify possible sources of information on textile designs and products and determine means of accessing information 1.2 Select and use research techniques to access information 1.3 Assess information for reliability to inform design processes
2. Analyse key influences on textile design and construction	2.1 Identify key past influences on textile design and construction from analysis of information 2.2 Identify contemporary influences on textile design and construction from research 2.3 Analyse changes to production processes and the effects of new and emerging technologies on textile design and construction

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
3. Analyse influences on future directions in textiles	3.1 Identify new or emerging textiles and examine features, benefits and likely uses 3.2 Analyse trends and influences to identify possible changes in textile production and demand 3.3 Determine the nature and scope of influences on practice in area of own work

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 source and interpret diverse types of information from varied sources.

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 MSTAT4005 Analyse influences on textile design and construction

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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:

- research and report (either verbally or in writing) on textile design and construction influences:
 - source and review information from at least five different sources
 - present information about influences in three of the following areas:
 - cultural
 - economic
 - environmental
 - human
 - political
 - social
 - technological
 - present information about how influences have impacted current practice in both:
 - textile design
 - textile construction.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- sources of information on textiles and textile products
- research techniques
- functions of different textile products
- historical and contemporary influences on textile design and construction, both local and global
- textile production processes and impact of changes in technology

- textile construction and production techniques
- current and emerging textiles and trends in textile design.
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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:
 - information technology for research.

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

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