



Australian Government

MSTTD4007 Analyse textile design influences

Release: 1

MSTTD4007 Analyse textile design influences

Modification History

Release 1. Supersedes and is equivalent to LMTTD4007A Analyse textile design influences

Application

This unit of competency covers the skills and knowledge required to analyse influences on textile design and production.

The unit of competency applies to research and analysis of historical and contemporary influences on textile designs and products and production processes. It includes principles and elements of design and characteristics of colour.

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

Textile design and development

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	Identify job requirements from specifications, drawings, job sheets or work instructions

2	Analyse key influences on textile designs	2.1	Identify significant historical events that have influenced textile design and analyse their effects
		2.2	Identify significant cultural influences on the development of textile design and analyse their effects
		2.3	Analyse contemporary influences on textile design
		2.4	Identify characteristics represented in textiles
		2.5	Analyse changes to production processes, including the effects of new and emerging technologies on textile designs
3	Identify features of the design process	3.1	Identify steps in responding to a design brief
		3.2	Identify commercial considerations in producing a design
		3.3	Identify elements of design
		3.4	Identify principles of design
4	Source information on textile designs and products	4.1	Identify possible sources of information on textile designs and products and determine means of accessing information
		4.2	Use information gathering tools according to workplace procedures
		4.3	Assess information for reliability to inform design processes
5	Analyse textile construction techniques	5.1	Identify purpose and key features of textile product
		5.2	Describe desired effects of design features
		5.3	Describe production techniques applied to create design features
		5.4	Identify use of production techniques in contemporary designs

6	Identify characteristics of colour and prepare colour chart	6.1	Investigate colour and identify dimensions
		6.2	Identify relationship between value and intensity and paint a colour chart
		6.3	Prepare colour wheel and shade scale according to colour mixing principles
		6.4	Implement colour matching of garment and garment items for production
		6.5	Inspect colour charts or check against quality standards and make any changes or adjustments, as required
		6.6	Complete documentation relating to colour charts
7	Analyse influences on future directions in textiles	7.1	Identify new or emerging textiles and examine features, benefits and likely uses
		7.2	Analyse trends and influences to identify possible changes in textile production and demand
		7.3	Identify and access sources of information relating to future directions and innovations in textile design to maintain currency of industry knowledge
		7.4	Present research information using industry appropriate presentation, communication tools and formats

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 includes one or more of the following:**
- requirements prescribed by legislation, awards, agreements and conditions of employment
 - standard operating procedures (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 practices
- Design process includes one or more of the following:**
- awareness level understanding of the process to respond to a work brief
 - researching sources of information
 - creating art and design work, including prototypes and first drafts
 - using design tools, such as illustrations, software programs and modelling materials
 - awareness of commercial concepts, such as:
 - type of production
 - costs
 - timing
 - equipment (available and needed)
 - marketing and sales
 - availability of raw materials and required resources
- Tools include one or more of the following:**
- audio visual equipment
 - computer and web technologies
 - telephone
 - fax machine
- Purpose includes one or more of the following:**
- artistic or creative
 - decorative
 - cultural
 - environmental
 - functional

- Dimensions of colour include the following:**
- value and tone
 - hue
 - chroma/intensity/clarity/saturation

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>