



Australian Government

MSTFD5027 Cost production of fashion and textile designs

Release: 1

MSTFD5027 Cost production of fashion and textile designs

Modification History

Release 1. Supersedes and is equivalent to:

- MSTFD5009 Cost production of fashion or textile designs.
- LMTTD5009A Cost production of textile designs

Unit code changed and minor change to title. Range of conditions removed. Element removed. Foundation skills information added. Assessment requirements amended. Equivalent outcome.

Application

This unit of competency describes the skills and knowledge required to analyse and calculate production costs of fashion and textile designs to determine the most cost-effective production mechanism.

The unit applies to costing domestic and offshore production options. Work may be conducted in small to large scale workplaces in the textiles, clothing and footwear industry, 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

N/A

Unit Sector

Fashion design and technology

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. Prepare to cost fashion or textile design production	1.1	Analyse production requirements to determine necessary scale of production
	1.2	Identify features of different production options in line with target market and product specifications
	1.3	Identify and analyse costs associated with each production

Elements	Performance Criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
		option
	1.4	Compare cost benefits and cost negatives of each production option according to legal and ethical requirements
	1.5	Review previous production records and consult required personnel to determine cost efficiency of production options
2. Assess influences on production costs	2.1	Determine factors that affect cost of production
	2.2	Identify quality and industry standards for design and production, and assess their implications
	2.3	Analyse production options according to workplace procedures
	2.4	Identify and assess variables that impact on production costs
	2.5	Identify and compare differences between short-run or design production and large scale volume production
	2.6	Review production options in line with additional information and refine most suitable options according to work health and safety requirements
3. Develop and analyse costing sheets for production	3.1	Develop costing sheets for selected production options
	3.2	Check calculations and collate data
	3.3	Analyse data from costing sheets to assess most cost-efficient option for production, according to design, quality and ethical requirements
	3.4	Document cost analysis and present to required personnel to review suitability of options
	3.5	Assess options for adjusting variables to modify production costs
	3.6	Finalise cost analysis and complete required documentation

Foundation Skills

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

- Communication skills to use accounting terminology to relay information about costs of production
- Numeracy skills to use accounting formulas and analyse cost trends

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to:

- MSTFD5009 Cost production of fashion or textile designs.
- LMTTD5009A Cost production of textile designs

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 MSTFD5027 Cost production of fashion and textile designs

Modification History

Release 1. Supersedes and is equivalent to:

- MSTFD5009 Cost production of fashion or textile designs.
- LMTTD5009A Cost production of textile designs

Unit code changed and minor change to title. Range of conditions removed. Element removed. Foundation skills information added. Assessment requirements amended. Equivalent outcome.

Performance Evidence

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

- costed the production of two different fashion items or textile designs, and for each: determined the most cost-efficient option that meets design, quality and ethical requirements
- presented above options to required personnel.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- legal, ethical and work health and safety requirements specific to the work task
- structure and format of costing sheets
- terminology used for basic accounting required for performance evidence
- quality standards for fashion production
- sequence of operations for fashion production
- industry standards for costing specifications
- design terminology for fashion
- methods for calculating:
 - profit and loss
 - gross return
 - profit margins
 - earnings before interest and tax
 - return on investment
 - break-even point
- options and scale of production for fashion items
- factors that affect cost of production
- costing variables
- costing benefits and negatives relating to cost of production

- characteristics of identified target market
- methods used to present costing detail.

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 computing equipment and software packages.

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

Links

Companion Volume implementation guides are found in VETNet -

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