Australian Government

MST50219 Diploma of Textile Design and Development

Release 3

MST50219 Diploma of Textile Design and Development

Modification History

Release 3. One elective unit updated. Supersedes and equivalent to MST50219 Diploma of Textile Design and Development (Release 2).

Qualification Description

This qualification provides skills and knowledge required to undertake specialised technical and design roles within textile enterprises.

It is intended for those involved in the design and production of textiles, such as screen printed, woven, knitted, tapestry and experimental fabrics and textile products.

No occupational licensing or certification requirements exist at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

Total number of units = 35

- **10** units of competency
- **25 elective** units of competency, consisting of:
  - **at least 8** units from Group A
  - **at least 6** units from Group B
  - up to **11** units (not previously selected) from Group A, B and/or C
  - up to **6** units from any endorsed Training Package or accredited course where those units are available at Certificate IV, Diploma or Advanced Diploma level. These units must be relevant to the work outcome and not duplicate units available within this qualification.

Core units

Select **all 10 units** of competency from the following list:

Unit code	Unit title	Prerequisite unit
MSMENV272	Participate in environmentally sustainable work practices	
MSTGN2013	Identify fibres, fabrics and textiles used in the TCF industry	

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Unit code	Unit title	Prerequisite unit
MSTGN4010	Implement and monitor WHS and environmental systems in the workplace	
MSTTD4002	Prepare stencils and screens for textile printing	
MSTTD4007	Analyse textile design influences	
MSTTD4009	Assist in the development of textile designs	
MSTTD4012	Analyse use of colour in textiles	MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry MSTTD4002 Prepare stencils and screens for textile printing
MSTTD5007	Develop textile designs using computer-based design programs	
MSTTD5008	Develop textile designs and specifications	
MSTTX3001	Identify quality and types of textile fibres, yarns and fabrics	MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry

Elective Units

Group A

Unit code	Unit title	Prerequisite unit
MSTFD5027	Cost production of fashion or textile designs	
MSTGN5012	Participate in production planning processes	
MSTGN5004	Manage installation and commissioning of equipment and systems	
MSTGN5006	Plan and organise non-routine testing	MSTTX4003 Perform routine textile testing and analyse results
MSTGN5007	Prepare procedures and specifications for	

Unit code	Unit title	Prerequisite unit
	TCF operations	
MSTGN5008	Identify opportunities in the TCF market	MSTGN4004 Analyse TCF merchandising and marketing principles
MSTGN5009	Develop and test TCF products or processes	MSTTX4003 Perform routine textile testing and analyse results
MSTGN5010	Coordinate quality assurance for TCF products and services	
MSTGN5011	Work with international TCF supply chains	
MSTTD5001	Design and produce knitted textile products	MSTTD4001 Produce knitted textile samples
MSTTD5002	Design and produce woven tapestry products	MSTTD4004 Produce woven tapestry samples
MSTTD5003	Design and produce woven products	MSTTD4003 Produce woven textile samples
MSTTD5004	Design and produce experimental textiles	
MSTTD5005	Design and produce printed textiles	
MSTTD5006	Exhibit textile designs or products	
MSTTD5009	Produce printed designs on woven and non-woven substrates	
MSTTD5010	Produce computer-aided textile design folios	MSTGN2014 Operate computing technology in a TCF workplace
MSTTX5001	Determine textile finishing processes	MSTTX4001 Interpret and apply textile calculations and specifications MSTTX4002 Understand and apply textile science

Group B

Unit code	Unit title	Prerequisite unit
MSTGN4007	Contribute to the development of products or processes	
MSTGN4008	Analyse product and determine machine settings	
MSTTD4008	Present and promote textile design concepts	
MSTTD4010	Apply manipulation techniques to create experimental textile samples	
MSTTD4011	Estimate costs for development of textile designs	
MSTTX4001	Interpret and apply textile calculations and specifications	
MSTTX4002	Understand and apply textile science	MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry MSTTX3001 Identify quality and types of textile fibres, yarns and fabrics
MSTTX4003	Perform routine textile testing and analyse results	MSTTX4001 Interpret and apply textile calculations and specifications MSTTX4002 Understand and apply textile science
MSTTX4004	Select dyes and develop dye specification and recipe for production	
MSTTX4005	Undertake textile colouration and finishing	MSTTX4002 Understand and apply textile science

Group C

Unit code	Unit title	Prerequisite unit

Unit code	Unit title	Prerequisite unit
CUAACD301	Produce drawings to communicate ideas	
MSMENV472	Implement and monitor environmentally sustainable work practices	
MSMWHS200	Work safely	
MSTFD3001	Market design product to local outlets	
MSTGN3012	Work safely with chemicals in TCF operations	
MSTGN2014	Operate computing technology in a TCF workplace	
MSTGN3014	Organise and plan own work to achieve planned outcomes	
MSTGN3006	Draw 3-D designs	
MSTGN4004	Analyse TCF merchandising and marketing principles	
MSTTD4001	Produce knitted textile samples	
MSTTD4003	Produce woven textile samples	
MSTTD4004	Produce woven tapestry samples	
MSTTD4005	Produce screen printed textiles	
MSTTD4006	Source textile materials and resources	
MSTTX2014	Perform industrial sewing on textile products	
MSTTX3008	Select raw materials	

Qualification Mapping Information

Release 3. Supersedes and is equivalent to MST50219 Diploma of Textile Design and Development (Release 2).

Release 2. Supersedes and is equivalent to MST50219 Diploma of Textile Design and Development (Release 1).

Release 1. Supersedes and is equivalent to:

- MST50216 Diploma of Textile Design and Development
- LMT50407 Diploma of Textile Technology and Production Management

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e

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