Australian Government

MST50216 Diploma of Textile Design and Development

Release 1

INDUSTRY
SKILLS
COUNCILS
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MST50216 Diploma of Textile Design and Development

Modification History

Release 1. Supersedes and is equivalent to:

- LMT50407 Diploma of Textile Technology and Production Management
- LMT50507 Diploma of Textile Design and Development.

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.

There are no specific licences that relate to this qualification. However, some units in this qualification may have licensing or regulatory requirements in some environments. Local regulations should be checked for details.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To be awarded the MST50216 Diploma of Textile Design and Development, competency must be achieved in **thirty-five (35)** units of competency:

- **ten (10)** core units of competency
- **twenty-five (25)** elective units of competency as specified below.

Note: Where prerequisite units are identified they must be counted in the total number of units required for achievement of the qualification.

Core units of competency		
• Select all **ten (10)** units of competency from the following list.		
Unit code	**Unit title**	**Prerequisites**
MSMENV272	Participate in environmentally sustainable work practices	
MSTGN2011	Identify fibres, fabrics and textiles used in the TCF industry	
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	
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	MSTGN2011

Elective units of competency

Select **twenty-five (25)** units as specified below.

- A minimum of eight **(8)** units must be selected from Group A
- A minimum of **six (6)** units must be selected from Group B
- The remaining **eleven (11)** units may be selected from:

- units not previously selected from Group A or B
- units from Group C
- a maximum of six (6) relevant units from this Training Package, other endorsed Training Packages and accredited courses, where those units are available at Certificate IV, Diploma or Advanced Diploma level.

Units selected from other Training Packages and accredited courses must be relevant to the qualification outcome and not duplicate units available within this qualification.

Group A

Unit code	Unit title	Prerequisites
MSTFD5009	Cost production of fashion or textile designs	
MSTGN5001	Participate in production planning processes	
MSTGN5002	Coordinate quality assurance for TCF products and services	
MSTGN5003	Work with international TCF supply chains	
MSTGN5004	Manage installation and commissioning of equipment and systems	
MSTGN5006	Plan and organise non-routine testing	MSTTX4003
MSTGN5007	Prepare procedures and specifications for TCF operations	
MSTGN5008	Identify opportunities in the TCF market	MSTGN4004
MSTGN5009	Develop and test TCF products or processes	
MSTTD5001	Design and produce knitted textile products	MSTTD4001
MSTTD5002	Design and produce woven tapestry products	MSTTD4004
MSTTD5003	Design and produce woven products	MSTTD4003
MSTTD5004	Design and produce experimental textiles	
MSTTD5005	Design and produce printed textiles	

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MSTTD5006	Exhibit textile designs or products	
MSTTD5009	Produce printed designs on woven and non-woven substrates	
MSTTD5010	Produce computer aided textile design folios	MSTGN2009
MSTTX5001	Determine textile finishing processes	MSTTX4001 MSTTX4002

Group B

Unit code	Unit title	Prerequisites
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	MSTGN2011 MSTTX3001
MSTTX4003	Perform routine textile tests and analyse results	MSTTX4001 MSTTX4002
MSTTX4004	Select dyes and develop dye specification and recipe for production	
MSTTX4005	Undertake textile colouration and finishing	MSTTX4002

Group C

Unit code	Unit title	Prerequisites
CUAACD301	Produce drawings to communicate ideas	
MSMENV472	Implement and monitor environmentally sustainable work practices	
MSMWHS200	Work safely	
MSTFD3001	Market design product to local outlets	
MSTGN2009	Operate computing technology in a TCF workplace	
MSTGN2012	Work safely with chemicals in TCF operations	
MSTGN3002	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	
MSTTX2009	Perform industrial sewing on textile products	
MSTTX3008	Select raw materials	

Qualification Mapping Information

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Links

MSA Training Package Implementation Guides - http://mskills.org.au/training-packages/info/