



**Australian Government**

# **MST60216 Advanced Diploma of Textile Design and Development**

**Release 2**

# **MST60216 Advanced Diploma of Textile Design and Development**

## **Modification History**

Release 1.1. Minor typographical error corrected in Packaging Rules. Equivalent.

Release 1. Supersedes and is equivalent to LMT60407 Advanced Diploma of Textile Design and Development

## **Qualification Description**

This qualification provides the skills and knowledge required to undertake specialised roles in commercial design and production of textile products, such as screen printed, woven, knitted, tapestry and experimental fabrics.

It includes the application of specialised technical, management and design skills within textile enterprises.

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**

Release 1. Supersedes and is equivalent to LMT60407 Advanced Diploma of Textile Design and Development

## Packaging Rules

To be awarded the MST60216 Advanced Diploma of Textile Design and Development, competency must be achieved in **forty-five (45)** units of competency.

- **fifteen (15)** core units of competency
- **thirty (30)** 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.

<b>Core units of competency</b>		
Select all <b>fifteen (15)</b> units of competency from the following list.		
<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
MSMENV272	Participate in environmentally sustainable work practices	
MSTFD6009	Analyse fashion industry textiles to guide commercial development	
MSTGN2011	Identify fibres, fabrics and textiles used in the TCF industry	
MSTGN4004	Analyse TCF merchandising and marketing principles	
MSTGN4010	Implement and monitor WHS and environmental systems in the workplace	
MSTGN5008	Identify opportunities in the TCF market	MSTGN4004
MSTGN6003	Research and evaluate processes and products	
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	MSTGN2011 MSTTD4002
MSTTD5007	Develop textile designs using computer-based design programs	
MSTTD5008	Develop textile designs and specifications	

MSTTD6001	Research commercial development of textiles	
MSTTX3001	Identify quality and types of textile fibres, yarns and fabrics	MSTGN2011
<p><b>Elective units of competency</b></p> <p>Select <b>thirty (30)</b> units from Groups A, B and C as specified below.</p> <ul style="list-style-type: none"> <li>• A minimum of <b>three (3)</b> units must be selected from Group A</li> <li>• A minimum of <b>nine (9)</b> units must be selected from Group B</li> <li>• A minimum of <b>six (6)</b> units must be selected from Group C</li> <li>• The remaining <b>twelve (12)</b> units may be selected from: <ul style="list-style-type: none"> <li>• units not previously selected from Group A or B</li> <li>• units from Group C</li> <li>• a maximum of <b>seven (7)</b> relevant units from this Training Package, other endorsed Training Packages and accredited courses, where those units are available at Diploma level (maximum 1 unit), or Advanced Diploma level (maximum 1 unit).</li> </ul> </li> </ul> <p>Units selected from other Training Packages and accredited courses must be relevant to the qualification outcome and not duplicate units available within this qualification.</p>		
<b>Group A</b>		
Unit code	Unit title	Prerequisites
MSTGN6001	Develop and implement a sales or marketing strategy for fashion or textile items	
MSTGN6002	Manage quality system and procedures	
MSTGN6004	Negotiate and manage design production contracts	
MSTGN6005	Manage production processes	
MSTTD6002	Apply electronic systems to textile design and production	MSTTD5007
MSTTD6003	Develop a textile product range	

MSTTD6004	Create and produce textile designs for commercial production	
<b>Group B</b>		
<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
MSTFD4005	Communicate and sell design concepts	
MSTFD5009	Cost production of textile designs	
MSTGN4007	Contribute to the development of products or processes	
MSTGN4008	Analyse product and determine machine settings	
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	
MSTTD4008	Present and promote textile design concepts	
MSTTD4010	Apply manipulation techniques to create experimental textile samples	
MSTTD4011	Estimate costs for development of textile designs	
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	
MSTTD5006	Exhibit textile designs or products	

MSTTD5010	Produce computer-aided textile design folios	MSTGN2009
MSTTD5009	Produce printed designs on woven and non-woven substrates	
MSTTX4001	Interpret and apply textile calculations and specifications	
MSTTX4002	Understand and apply textile science	MSTGN2011 MSTTX3001
MSTTX4003	Perform routine textile testing and analyse results	MSTTX4001 MSTTX4002
MSTTX4004	Select dyes and develop dye specification and recipe for production	
MSTTX4005	Undertake textile colouration and finishing	MSTTX4002
<b>Group C</b>		
<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
CUADRA201	Develop drawing skills	
CUAACD301	Produce drawings to communicate ideas	
MSMENV472	Implement and monitor environmentally sustainable work practices	
MSTFD3001	Market design product to local outlets	
MSTFD4006	Interact and network with fashion industry participants	
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	

MSTGN5001	Participate in production planning processes	
MSTGN5002	Coordinate quality assurance for TCF products and services	
MSTGN5009	Develop and test TCF products or processes	
MSTTX2009	Perform industrial sewing on textile products	
MSTTX3008	Select raw materials	

## Qualification Mapping Information

Release 1.1. Minor typographical error corrected in Packaging Rules. Equivalent.

Release 1. Supersedes and is equivalent to LMT60407 Advanced Diploma of Textile Design and Development

## Links

Companion Volume implementation guides are found in VETNet -

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