



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **LMT50307 Diploma of Applied Fashion Design and Technology**

**Revision Number: 1**

## **LMT50307 Diploma of Applied Fashion Design and Technology**

### **Modification History**

Not applicable.

### **Description**

#### **Job roles/employment outcomes**

The Diploma of Applied Fashion Design and Technology covers occupations such as fashion designers and design support roles. A pathway can also be packaged to cover employment outcomes in advanced patternmaking and merchandising for those working in fashion related sales, marketing, retail buying and supply chain management.

#### **Application**

This qualification is designed to be both an entry level qualification in fashion design and related skills and further development for those in support and merchandising areas.

#### **Pathways into the qualification**

Direct entry into this qualification requires completion of a total of thirty-five (35) units.

Credit may be granted towards this qualification by those who have completed LMT41007 Certificate IV in Applied Fashion Design and Technology or achieved equivalent industry experience.

#### **Pathways from the qualification**

Further training pathways from this qualification include LMT60307 Advanced Diploma of Applied Fashion Design and Technology or other relevant qualifications.

#### **Licensing considerations**

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.

### **Pathways Information**

Not applicable.

### **Licensing/Regulatory Information**

Not applicable.

## **Entry Requirements**

Not applicable.

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

#### Employability Skills Summary - Diploma of Applied Fashion Design and Technology

The following table contains a summary of the Employability Skills as identified by the fashion design industries for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that reflect skill requirements for this level.

Employability Skill	Industry/enterprise requirements for this qualification include:
<b>Communication</b>	<ul style="list-style-type: none"> <li>• interpret and implement relevant industry and workplace standards, regulations and policies</li> <li>• complete standard documentation</li> <li>• use communication technologies efficiently</li> <li>• interpret and document pattern specifications</li> <li>• discuss and explore problems with fashion items and designs</li> <li>• discuss design requirements with others throughout the design team</li> <li>• maintain accurate and legible records</li> <li>• establish effective working relationships with colleagues</li> <li>• present design ideas</li> <li>• complete trade drawings</li> <li>• interact and network with fashion industry participants</li> <li>• interpret information on fabrics and materials</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• work independently and as a team member</li> <li>• demonstrate and encourage others in working cooperatively with people of different ages, gender, race or religion</li> <li>• support others in the design process</li> <li>• undertake appropriate and effective communication with others in the design process</li> <li>• provide feedback on processes, outcomes and pattern specifications to support and improve team outcomes</li> <li>• provide leadership to others</li> <li>• participate in sustainability improvements</li> </ul>
<b>Problem-solving</b>	<ul style="list-style-type: none"> <li>• identify risks and implement risk control measures for machinery, equipment and processes</li> <li>• identify and address problems and faults</li> <li>• check performance of machinery and equipment and perform minor maintenance as required</li> </ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

	<ul style="list-style-type: none"> <li>• assess and evaluate skill requirements of self and others to perform tasks</li> <li>• deal with and promptly resolve issues</li> <li>• use problem solving techniques to determine fashion design requirements and pattern specifications</li> <li>• apply knowledge of fabrics and materials to solve design problems</li> <li>• assess quality of materials before using in fashion items</li> <li>• test designs and pattern specifications</li> <li>• identify and report environmental features, regulations, insurance requirements, legal requirements and other factors which may affect the product or service to be provided</li> <li>• identify and act on environmental hazards</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• test procedures to assess effectiveness in meeting objectives</li> <li>• provide leadership in design and production processes</li> <li>• collect and analyse information to guide design and business practices</li> <li>• identify non-conformances to standards and initiate appropriate action</li> <li>• identify and implement effective ways to achieve design and production outcomes</li> <li>• rectify problems promptly and appropriately</li> <li>• monitor and adjust activity in response to operational variations</li> <li>• identify and address existing and potential risks</li> <li>• provide leadership in continuous improvement practices</li> <li>• identify opportunities for improvement to environmental performance</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• monitor quality outcomes</li> <li>• determine production requirements for fashion products</li> <li>• plan processes to achieve desired outcomes within agreed time-frames</li> <li>• ensure work station and equipment are set up so that work requirements are met</li> <li>• manage design processes</li> <li>• produce design samples</li> <li>• develop and implement contingency plans when</li> </ul>

<b>EMPLOYABILITY SKILLS QUALIFICATION SUMMARY</b>	
	responding to incidents and problems
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• ensure the work area is kept clean and tidy at all times</li> <li>• manage work load priorities</li> <li>• monitor own work against workplace, industry and quality standards</li> <li>• adjust processes or techniques as required according to variations in requirements</li> <li>• implement and apply OHS practices in the workplace</li> <li>• monitor use of resources</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• experiment with design ideas and review outcomes</li> <li>• seek feedback on ideas and work outcomes</li> <li>• assess own skill requirements and seek further development if required</li> <li>• develop or adjust processes based on previous experience</li> <li>• learn about sustainability developments relating to work practice</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• monitor machine operation</li> <li>• use a variety of machines and equipment to achieve a range of production outcomes</li> <li>• perform minor maintenance on machines</li> <li>• work with technology safely, efficiently and according to workplace standards</li> <li>• use computer-aided design technology in the development of fashion designs</li> </ul>

## Packaging Rules

### Packaging Rules

To be awarded the Diploma of Applied Fashion Design and Technology, 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.

If Certificate IV in Applied Fashion Design and Technology has been achieved, an additional ten (10) units are required to gain the Diploma of Applied Fashion Design and Technology. All core units must be achieved and any Diploma core units not achieved at Certificate IV must be completed as part of the additional ten (10) units required for the Diploma.

Units that have been credited towards lower level qualifications must not be selected in the additional ten (10) unit requirement.

Note: Where prerequisite units apply, these have been noted, and must be considered in the total number of units.

## CORE UNITS

Complete all ten (10) units from this list

Unit code	Unit title
LMTCL2003B	Identify fibres and fabrics
LMTCL2010B	Modify patterns to create basic styles
LMTCL2011B	Draw and interpret a basic sketch
LMTCL3001B	Identify fabric performance and handling requirements
LMTFD2005B	Identify design process for fashion designs
LMTFD4001B	Apply design studio process
LMTFD4006B	Interact and network with fashion industry participants
LMTFD4012B	Develop product specifications for fashion design
LMTGN2001B	Follow defined OH&S policies and procedures
MSAENV272B	Participate in environmentally sustainable work practices

## ELECTIVE UNITS

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

- A minimum of nineteen (19) units must be selected from Group A
- A maximum of six (6) units may be selected from Group B
- The remainder must be selected from Group A.
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### GROUP A

Unit code	Unit title	Prerequisites
LMTCL3009B	Develop patterns	

Unit code	Unit title	Prerequisites
	from a block using basic pattern making principles	
LMTFD3004B	Draw a trade drawing for fashion design	
LMTFD4002B	Apply principles of colour theory to fashion design development	LMTCL2003B LMTFD2005B
LMTFD4003B	Assist in preparation of preliminary design concepts	
LMTFD4004B	Calculate cost estimates for fashion products	
LMTFD4005B	Communicate and sell design concepts	
LMTFD4007B	Conduct quality assurance for patterns	
LMTFD4008B	Construct stock size block for garment to meet size and fit specifications	
LMTFD4010B	Create pattern to meet design specifications applying advanced pattern making principles	LMTCL3009B
LMTFD4011B	Cut fabrics for prototype designs	
LMTFD4013B	Grade 2D patterns	
LMTFD4014B	Identify influences on contemporary fashion designs and construction techniques	



<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
LMTFD4015B	Create pattern from block to meet customer specifications	LMTCL3009B LMTFD4010B
LMTFD4016B	Sew design prototypes	
LMTFD4017B	Source materials and resources for production of fashion design	
LMTFD4018B	Use and apply sizing systems appropriate for fashion design	
LMTFD4020B	Use electronic fashion design tools	
LMTFD4021B	Drape fabrics to make patterns	
LMTFD5001B	Design bras and swimwear	LMTCL2010B LMTFD4003B
LMTFD5002B	Develop and test patterns for bras and swimwear	LMTCL2004B LMTCL3009B
LMTFD5003B	Analyse fit model	
LMTFD5004B	Develop marketing plans for fashion products	
LMTFD5005B	Manipulate fabrics to create new finishes	LMTCL2003B LMTCL3001B
LMTFD5006B	Evaluate fashion designs against set criteria	
LMTFD5007B	Analyse influences on contemporary fashion	LMTFD4014B

Unit code	Unit title	Prerequisites
	designs	
LMTFD5008B	Conduct fashion design purchasing	
LMTFD5009B	Cost design production	LMTFD4004B
LMTFD5010B	Develop and present design concepts within specific guidelines	
LMTFD5011B	Produce fashion illustrations	
LMTFD5012B	Perform contour draping	LMTFD4021B
LMTFD5013B	Develop merchandising plans for fashion products	
LMTFD5014B	Construct complex blocks for fashion garments	LMTFD4008B
LMTFD5015B	Develop patterns for complex fashion garments	LMTCL3009B LMTFD4010B LMTFD4015B
LMTFD5016B	Grade shaped patterns	LMTFD4013B
LMTFD5017B	Apply design studio processes to meet client brief	
LMTFD5018B	Determine and specify advanced construction processes	
LMTFD5019B	Analyse individual fit and make pattern alterations	LMTCL3009B LMTFD4010B

Unit code	Unit title	Prerequisites
LMTGN2009B	Operate computing technology in a Textiles, Clothing and Footwear workplace	
LMTGN5001B	Participate in production planning processes	
LMTGN5002B	Coordinate quality assurance for textiles, clothing and footwear products and services	
LMTGN5003B	Work with international textiles, clothing and footwear supply chains	

## GROUP B

Other Fashion Design and Technology units that are available at Certificates IV (maximum 1), V (maximum 6) and VI (maximum 1)
Other TCF Training Package units that are available at Certificates IV (maximum 1), V (maximum 6) and VI (maximum 1)
Units from other endorsed Training Packages and accredited courses at Certificates IV (maximum 1), V (maximum 6) and VI (maximum 1)