



**Australian Government**

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

# **LMT40307 Certificate IV in Certificate IV in Clothing Production**

**Revision Number: 2**

## **LMT40307 Certificate IV in Clothing Production**

### **Modification History**

Release 2 - imported units updated to current versions, outcomes equivalent.

### **Description**

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

The Certificate IV in Clothing Production covers occupations such as supervisory roles in a production environment, pattern makers and sample machinists. It allows for a multi-skilled approach to clothing production and provides a basis for career progression to higher skills at the Diploma level in the Fashion Design and Technology area.

#### **Application**

This qualification is typically used to develop skill and knowledge in the application of specialised technical and supervisory skills within clothing production enterprises.

### **Pathways Information**

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

Direct entry into this qualification requires completion of a total of twenty-five (25) units according to the rules described below.

Credit may be granted towards this qualification by those who have completed LMT30507 Certificate III in Clothing Production or achieved equivalent industry experience.

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

Further training pathways from this qualification include LMT50307 Diploma of Applied Fashion Design and Technology or other relevant manufacturing or management qualifications.

### **Licensing/Regulatory Information**

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**

Not applicable.

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

#### Employability Skills Summary - Certificate IV in Clothing Production

The following table contains a summary of the Employability Skills as identified by the clothing production 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>• work with the client, designer or patternmaker to determine clothing design and production needs</li> <li>• complete detailed documentation on design specifications and production requirements</li> <li>• interpret design and patternmaking specifications, terminology and symbols</li> <li>• give and receive feedback during development of design</li> <li>• take, calculate and document measurements</li> <li>• establish effective working relationships with colleagues</li> <li>• access and apply information on clothing design and construction</li> <li>• discuss production requirements with relevant personnel</li> <li>• understand personal requirements of relevant industry and workplace standards, regulations and policies</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• explain and implement work team reporting requirements</li> <li>• work with others in the business to meet business targets</li> <li>• provide feedback to improve overall team performance</li> <li>• work closely and effectively with designers and patternmakers to develop direction for design production</li> <li>• undertake appropriate and effective communication with team members</li> <li>• support others to meet targets</li> <li>• work cooperatively to produce clothing to client and enterprise standards</li> <li>• participate in sustainability improvements</li> </ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

<b>Problem-solving</b>	<ul style="list-style-type: none"><li>• identify risks and implement risk control measures for enterprise processes</li><li>• identify and address problems and issues relating to clothing patterns and specifications</li><li>• identify and act on environmental hazards</li><li>• provide problem solving support to others</li><li>• use problem solving techniques to determine clothing requirements</li><li>• assess quality of materials before using in clothing items</li><li>• use a range of problem solving strategies to address potential and actual problems</li></ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"><li>• look for opportunities to improve outcomes and reduce costs for client and enterprise</li><li>• contribute to business development ideas</li><li>• identify non-conformances to standards and take appropriate action</li><li>• identify opportunities for improvements in environmental performance</li><li>• monitor and adjust activity in response to operational variations</li><li>• monitor information and records to identify trends that may require remedial action</li><li>• develop and promote continuous improvement</li></ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"><li>• plan development of pattern or clothing products</li><li>• plan activity to meet business and client needs</li><li>• organise work area to maximise efficiency</li><li>• plan to meet resource requirements</li><li>• monitor equipment condition and performance</li></ul>
<b>Self-management</b>	<ul style="list-style-type: none"><li>• manage work to meet business targets</li><li>• maintain currency of information relating to work</li><li>• keep the work area clean and tidy at all times</li><li>• conduct regular housekeeping activities</li><li>• monitor own work against quality standards</li><li>• understand own work activities and responsibilities</li><li>• identify and apply safety procedures, including the use of protective equipment</li><li>• manage work load priorities</li><li>• monitor use of resources</li></ul>
<b>Learning</b>	<ul style="list-style-type: none"><li>• recognise limits of own expertise</li><li>• assess competencies in meeting job requirements</li></ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

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|  | <ul style="list-style-type: none"><li>• identify own skill requirements and seek skill development if required</li><li>• develop new skills to meet business and client needs</li><li>• learn about sustainability developments relating to work practice</li></ul> |
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**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY****Technology**

- ensure correct and safe use of machines, tools and equipment in the enterprise
- perform minor maintenance on machinery and identify and act on requirements for further maintenance
- work with technology safely and according to workplace standards
- handle and use clothing materials correctly and safely

**Packaging Rules**

To be awarded the Certificate IV in Clothing Production, competency must be achieved in twenty-five (25) units of competency.

- Nine (9) core units of competency
- Sixteen (16) elective units of competency as specified below.

If Certificate III has been achieved, an additional seven (7) units are required according to the rules described. Units that have been credited towards lower level qualifications must not be selected in the additional seven (7) 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 nine (9) units from this list

Unit code	Unit title
LMTCL2003B	Identify fibres and fabrics
LMTCL2011B	Draw and interpret a basic sketch
LMTCL3001B	Identify fabric performance and handling requirements
LMTFD2005B	Identify design process for fashion designs
LMTFD4006B	Interact and network with fashion industry participants
LMTGN2002B	Apply quality standards
LMTGN2003B	Work in the textiles, clothing and footwear industry
LMTGN4010A	Implement and monitor OH&S in the workplace
MSAENV272B	Participate in environmentally sustainable work practices

## ELECTIVE UNITS

Select sixteen (16) units as specified below.

- A minimum of two (2) units must be selected from Group A
- A minimum of one (1) unit must be selected from Group B
- A maximum of four (4) units may be selected from Group D
- A maximum of four (4) units may be selected from Group E
- The remainder must be selected from Groups A, B and C.

NOTE: Competitive Manufacturing Training Package units, identified in Group D as MSACM coded units, should be selected on the basis of work requirements. Those at Certificate II level (units in the 200 series) are appropriate for operators. MSACM units for those in Certificate III level positions such as team leaders should be selected from both the 200 series and the 400 series.

### GROUP A

Unit code	Unit title	Prerequisites
LMTCL4001A	Perform sample machining of bespoke garments	LMTCL3002B
LMTCL4002A	Assemble and fit commercially tailored or bespoke garments	
LMTCL4003A	Measure, lay-up and cut commercially tailored garments	
LMTCL4004A	Determine and perform garment maintenance repair	

### GROUP B

Unit code	Unit title	Prerequisites
LMTCL4001A	Perform sample machining of bespoke garments	LMTCL3002B
LMTCL4002A	Assemble and fit commercially tailored or bespoke garments	

Unit code	Unit title	Prerequisites
LMTCL4003A	Measure, lay-up and cut commercially tailored garments	
LMTCL4004A	Determine and perform garment maintenance repair	
LMTFD4002B	Apply principles of colour theory to fashion design development	LMTCL2003B LMTFD2005B
LMTFD4003B	Assist in the preparation of preliminary design concepts	
LMTFD4007B	Conduct quality assurance for patterns	
LMTFD4008B	Construct stock size block for garment to meet size and fit specifications	
LMTFD4009B	Create and edit digital embroidery designs	LMTCL2003B
LMTFD4010B	Create pattern to meet design specifications applying advanced pattern making principles	LMTCL3009B
LMTFD4011B	Cut fabrics for prototype designs	
LMTFD4012B	Develop product specifications for fashion designs	LMTFD3004B
LMTFD4013B	Grade 2D patterns	
LMTFD4015B	Create pattern from block to meet customer specifications	LMTCL3009B
LMTFD4016B	Sew design prototypes	



Unit code	Unit title	Prerequisites
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	
LMTGN4001A	Coordinate or set up machine/s for product change	
LMTGN4003A	Install and commission process and machine control programs	
LMTGN4005A	Plan and implement production within a work area	

## GROUP C

Unit code	Unit title	Prerequisites
LMTCL2001B	Use a sewing machine	
LMTCL2002B	Provide hand sewing and finishing support	
LMTCL2004B	Sew components	LMTCL2001B
LMTCL2005B	Use specialised machinery or processes to assist assembly production	
LMTCL2006B	Press work	

Unit code	Unit title	Prerequisites
LMTCL2007B	Lay up, mark and cut uncomplicated fabrics and lays	
LMTCL2008B	Finish garment production	LMTCL2003B
LMTCL2009B	Despatch work	
LMTCL2010B	Modify patterns to create basic styles	
LMTCL2011B	Draw and interpret a basic sketch	
LMTCL2012B	Organise and plan own work in a home-based production environment	
LMTCL2013B	Block and shape headwear by machine	
LMTCL2014B	Pack, store, handle or despatch headwear	
LMTCL2015B	Finish headwear	
LMTCL2016B	Trim headwear	
LMTCL2017B	Access and use information resources for clothing production operations	
LMTCL2018B	Perform basic maintenance of headwear	
LMTCL3001B	Identify fabric performance and handling requirements	LMTCL2003B
LMTCL3002B	Prepare and produce sewn garment	LMTCL2001B

Unit code	Unit title	Prerequisites
LMTCL3003B	Perform garment repairs and alterations	LMTCL2001B LMTCL2003B LMTCL2004B
LMTCL3004B	Press whole garments	LMTCL2006B
LMTCL3005B	Lay up and cut complicated fabrics and lays	LMTCL2007B
LMTCL3006B	Assemble bra or swimwear	LMTCL2001B LMTCL2003B LMTCL2004B
LMTCL3007B	Embellish garment by hand or machine	LMTCL2001B LMTCL2003B LMTCL2005B
LMTCL3008B	Set and produce digital embroidery	
LMTCL3009B	Develop patterns from a block using basic patternmaking principles	
LMTCL3010B	Sew woven and stretch knit garments	LMTCL2001B LMTCL2003B LMTCL2004B
LMTCL3011B	Contribute to garment production process improvements	LMTGN2002B
LMTCL3012B	Make marker for complicated fabrics and lays	LMTCL2007B
LMTCL3013B	Interpret patterns and apply pattern information	
LMTCL3014B	Interact and communicate with garment production	

Unit code	Unit title	Prerequisites
	personnel	

Unit code	Unit title	Prerequisites
LMTFD2005B	Identify design process for fashion designs	
LMTFD3003B	Prepare design concept for a simple garment	LMTCL2011B LMTFD2005B
LMTFD3004B	Draw a trade drawing for fashion design	
LMTFD5002B	Develop and test patterns for bras and swimwear	LMTCL2004B LMTCL3009B
LMTFD5003B	Analyse fit model	
LMTFD5012B	Perform contour draping	LMTFD4021B
LMTFD5014B	Construct complex blocks for fashion garments	LMTFD4008B
LMTFD5015B	Develop patterns for complex fashion garments	LMTCL3009B LMTFD4010B LMTFD4015B
LMTFD5016B	Grade shaped patterns	LMTFD4013B
LMTFD5018B	Determine and specify advanced construction processes	
LMTFD5019B	Analyse individual fit and make pattern alterations	LMTCL3009B
LMTGN2004B	Work in a team environment	
LMTGN2005B	Perform minor maintenance	

Unit code	Unit title	Prerequisites
LMTGN2006B	Perform test or inspection to check product quality	
LMTGN2007B	Select, transfer and remove materials and products	
LMTGN2008B	Coordinate work of team or section	
LMTGN2009B	Operate computing technology in a textiles, clothing and footwear workplace	
LMTGN2010B	Perform tasks to support production	
LMTGN3001B	Control production in a section of a textiles, clothing and footwear enterprise	
LMTGN3002B	Organise and plan own work to achieve planned outcomes	

**GROUP D**

Unit code	Unit title	Prerequisites
MSS402010A	Manage the impact of change on own work	
MSS403010A	Facilitate change in an organisation implementing competitive systems and practices	
MSS402001A	Apply competitive systems and practices	

Unit code	Unit title	Prerequisites
MSS402002A	Sustain process improvements	
MSS403001A	Implement competitive systems and practices	
MSS403002A	Ensure process improvements are sustained	
MSS402020A	Apply quick changeover procedures	
MSS402021A	Apply Just in Time procedures	
MSS402030A	Apply cost factors to work practices	
MSS402031A	Interpret product costs in terms of customer requirements	
MSS402040A	Apply 5S procedures	
MSS402050A	Monitor process capability	
MSS402060A	Use planning software systems in operations	
MSS402061A	Use SCADA systems in operations	
MSACMT270A	Use sustainable energy practices	
MSS402080A	Undertake root cause analysis	

Unit code	Unit title	Prerequisites
MSS402081A	Contribute to the application of a proactive maintenance strategy	
MSS403021A	Facilitate a Just in Time system	
MSS403030A	Improve cost factors in work practices	
MSS403032A	Analyse manual handling processes	
MSS403040A	Facilitate and improve implementation of 5S	
MSS404050A	Undertake process capability improvements	MSS404052A
MSS403051A	Mistake proof an operational process	
MSS404052A	Apply statistics to operational processes	
MSS404060A	Facilitate the use of planning software systems in a work area or team	
MSS404061A	Facilitate the use of SCADA systems in a team or work area	
MSS404081A	Undertake proactive maintenance analyses	
MSS404082A	Assist in implementing a proactive	



Unit code	Unit title	Prerequisites
	maintenance strategy	
MSAENV472B	Implement and monitor environmentally sustainable work practices	

## GROUP E

Other Clothing Production units that are available at Certificates IV (maximum 4) or V (maximum 1)

Other TCF Training Package units that are available at Certificates III (maximum 1), IV (maximum 4) and V (maximum 1)

Units from other endorsed Training Packages and accredited courses at Certificates III (maximum 1), IV (maximum 4) and V (maximum 1)