



Australian Government

MST40119 Certificate IV in Textile Design, Development and Production

Release 2

MST40119 Certificate IV in Textile Design, Development and Production

Modification History

This version was released with MST Textiles Clothing and Footwear Training Package Release 3.0.

Release 2. Supersedes and is equivalent to MST40116 Certificate IV in Textile Design, Development and Production (Release 1).

1 Core unit updated. 4 Elective units updated. Equivalent outcome.

Qualification Description

This qualification provides the skills and knowledge required to work in occupations such as design, technical support and development, in the textiles industry, with roles such as product design, production planning and quality control.

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 = Twenty-five (25)

- **Six (6) core** units of competency
- **Nineteen (19) elective** units of competency, consisting of:
 - at least **five (5)** units from Group A
 - up to **fourteen (14)** units (not previously selected) from Group A and/or B
 - up to **five (5)** units from any endorsed Training Package or accredited course where those units are available at Certificate III, Certificate IV or Diploma level. These units must be relevant to the work outcome and not duplicate units available within this qualification.

Core units

Select all **five (5) units** of competency from the following list.

Unit code	Unit title	Prerequisite unit
MSMENV272	Participate in environmentally sustainable work practices	

Unit code	Unit title	Prerequisite unit
MSMWHS200	Work safely	
MSS402051	Apply quality standards	
MSTGN2013	Identify fibres, fabrics and textiles used in the TCF industry	
MSTTX3001	Identify quality and types of textile fibres, yarns and fabrics	MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry

AND select one (1) unit from the following:

Unit code	Unit title	Prerequisite unit
MSTGN3015	Supervise operations in a TCF enterprise	
MSTTD4007	Analyse textile design influences	

Elective Units

Group A

Unit code	Unit title	Prerequisite unit
MSTFD4005	Communicate and sell design concepts	
MSTGN4002	Participate in product engineering	
MSTGN4004	Analyse TCF merchandising and marketing principles	
MSTGN4005	Plan and implement production within a work area	
MSTGN4006	Apply TCF market supply systems	MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry
MSTGN4007	Contribute to the development of products or processes	
MSTGN4009	Design production tooling	
MSTGN4013	Manage technical processes	

Unit code	Unit title	Prerequisite unit
MSTTD4001	Produce knitted textile samples	
MSTTD4002	Prepare stencils and screens for textile printing	
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	
MSTTD4009	Assist in the development of textile designs	
MSTTD4010	Apply manipulation techniques to create experimental textile samples	
MSTTD4011	Estimate costs for 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
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	

Unit code	Unit title	Prerequisite unit
	production	
MSTTX4005	Undertake textile colouration and finishing	MSTTX4002 Understand and apply textile science

Group B

Unit code	Unit title	Prerequisite unit
CUAACD301	Produce drawings to communicate ideas	
CUADRA201	Develop drawing skills	
MSMENV472	Implement and monitor environmentally sustainable work practices	
MSTCL2012	Organise and plan own work in a home-based production environment	
MSTGN2018	Work in the TCF industry	
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	
MSTGN3003	Estimate and cost job	
MSTTD5010	Produce computer-aided textile design folios	MSTGN2014 Operate computing technology in a TCF workplace
MSTTX2001	Perform knitting operations	
MSTTX2008	Operate a machine for complex production operations	
MSTTX3003	Set up, adjust and maintain industrial sewing machines	

Unit code	Unit title	Prerequisite unit
MSTTX3011	Set up, adjust and monitor a machine for TCF production	
MEM12023	Perform engineering measurements	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM12024	Perform computations	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM13003	Work safely with industrial chemicals and materials	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM13015	Work safely and effectively in manufacturing and engineering	
MEM14006	Plan work activities	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM17003	Assist in the provision of on-the-job training	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
PMASUP420	Minimise environmental impact of process	

Qualification Mapping Information

Release 2. Supersedes and is equivalent to MST40116 Certificate IV in Textile Design, Development and Production (Release 1).

Links

Companion Volume implementation guides are found in VETNet -

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