Australian Government

MST40122 Certificate IV in Textile Design and Technology

Release 1

MST40122 Certificate IV in Textile Design and Technology

Modification History

Release 1. Retitled qualification which has been restructured to provide greater focus on 'textile fundamentals' that industry considers essential and which underpin work across different outcomes. Electives allow for outcomes in design or production. Overall number of units reduced by seven. Core units reduced to enable creation of Group A for textile fundamentals.

Qualification Description

This qualification reflects the role of individuals working in diverse areas of textile design, development and production. They may be involved in technical production or be small-scale designers and makers of textile products. People working in these roles use a broad factual, technical and theoretical knowledge of textile materials and processes to underpin sustainable and efficient work practices.

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 = 18

- **4 core** units
- **14 elective** units, consisting of:
    - at least 3 units from Group A
    - at least 4 units from Group B
    - up to 7 additional units from Group A, B, C or any endorsed Training Package or accredited course. All units must be relevant to the work outcome and not duplicate units available within this qualification.

CORE UNITS

Core Units		
Unit Code	**Unit Title**	**Prerequisites**
MSMWHS200	Work safely	
MSTGN3018	Support sustainable practice in apparel and textile design and production	

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| MSTGN4024 | Quality assure textile products | |
| MSTGN4028 | Research and use information about textiles | |

ELECTIVE UNITS

Group A: Textile Fundamentals		
Unit Code	**Unit Title**	**Prerequisites**
MSTAT4005	Analyse influences on textile design and construction	
MSTAT4023	Interpret textile information and make production calculations	
MSTAT4024	Select dyes and develop dye specifications and recipes	
MSTGN3021	Match fabrics to performance and handling requirements	
MSTGN3022	Investigate applications and performance outcomes of technical textiles	
MSTGN4026	Source textile materials and resources	
MSTGN4027	Perform routine textile testing and analyse results	

Group B: Textile Design and Production		
Unit Code	**Unit Title**	**Prerequisites**
CUATEX401	Experiment with techniques to produce textile work	
CUATEX501	Refine techniques for textile work	
CUATEX502	Investigate materials and processes for textile work	
MSTAT4006	Contribute to the development of textile designs	
MSTAT4019	Produce knitted textile samples	

MSTAT4020	Prepare stencils and screens for textile printing	
MSTAT4021	Produce woven textile samples	
MSTAT4022	Produce screen printed textiles	
MSTAT5004	Manipulate fabrics to create new finishes	
MSTGN4022	Communicate design concepts	

Group C: General Electives		
Unit Code	**Unit Title**	**Prerequisites**
CUAACD311	Produce drawings to communicate ideas	
CUAACD411	Integrate colour theory and design processes	
CUAPPR513	Present a body of own creative work	
MSMENV472	Implement and monitor environmentally sustainable work practices	
MSTFD4023	Calculate cost estimates for TCF products	
MSTGN3012	Work safely with chemicals in TCF operations	
MSTGN3023	Estimate and cost jobs	
MSTGN4017	Participate in product engineering	
MSTGN4018	Analyse TCF merchandising and marketing principles	
MSTGN4019	Plan and implement production within a work area	
MSTGN4020	Contribute to the development of products or processes	
MSTGN4021	Manage technical processes	
PMASUP420	Minimise environmental impact of process	

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Qualification Mapping Information

Supersedes and is equivalent to MST40119 Certificate IV in Textile Design, Development and Production.

Links

Companion Volume implementation guides are found in VETNet - - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e