Australian Government

MSF50313 Diploma of Furniture Design and Technology

Release 6

MSF50313 Diploma of Furniture Design and Technology

Modification History

Release 6. Minor Upgrades. Supersedes and is equivalent to MSF50313 Diploma of Furniture Design and Technology (Release 5).

Release 5. Elective units updated. Supersedes and is equivalent to MSF50313 Diploma of Furniture Design and Technology (Release 4).

Release 4. Listing of imported units corrected. Supersedes and is equivalent to MSF50313 Diploma of Furniture Design and Technology (Release 3).

Release 3. Imported units updated. Supersedes and is equivalent to MSF50313 Diploma of Furniture Design and Technology (Release 2).

Release 2. Imported units updated. Supersedes and is equivalent to MSF50313 Diploma of Furniture Design and Technology (Release 1).

Release 1. New qualification. Supersedes but is not equivalent to:

- LMF50202 Diploma of Furnishing Technology; and
- LMF50508 Diploma of Furniture Design and Technology.

Qualification Description

This qualification describes the skills and knowledge required where the design of furniture and the application of the design into a finished furniture product is the central focus. This qualification reflects two primary occupational outcomes in the areas of furniture design and technology - with a potential to focus on skills required to design and produce furniture for custom or volume production.

There are no specific licences that relate to this qualification. However, depending on the jurisdiction, licensing or regulatory requirements may apply to the use of some units in this qualification. Local regulations should be checked for details.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To be awarded the MSF50313 Diploma of Furniture Design and Technology, competency must be achieved in **twenty-three (23)** units of competency, including:

- **five (5)** core units of competency
- **eighteen (18)** elective units of competency.

Note: Units marked with an asterisk have one or more prerequisites and must be considered in the total number of units. Please refer to individual units for details.

CORE UNITS

Complete all **five (5)** units from this list.

Unit code	Unit title
MSMENV472	Implement and monitor environmentally sustainable work practices
MSFFDT4011	Research and select furniture materials and technology
MSFFDT4012	Research furniture styles and movements
MSFFDT5003	Develop self as a furniture designer
MSFFDT5010	Evaluate furniture design proposals and concepts

ELECTIVE UNITS

Select e**ighteen (18)** units from Groups A, B or C as specified below.

Group A

Select at least **eight (8)** units from Group A, including a minimum of **five (5)** units coded MSF******

Unit code	Unit title	Prerequisites
BSBCRT501	Originate and develop concepts	
BSBDES403	Develop and extend design skills and practice	
BSBDES502	Establish, negotiate and refine a design brief	
BSBDES601	Manage design realisation	
BSBMKG501	Identify and evaluate marketing opportunities	
BSBPMG522	Undertake project work	
CUAANM303	Create digital 3D models	
MSFFDT4006	Determine work health and safety (WHS) implications of designs	
MSFFDT5001	Apply ergonomics, anthropometrics and proxemic considerations to a product	
MSFFDT5002	Assess and resolve technical integrity of a design	
MSFFDT5004	Construct custom furniture using advanced techniques	

MSFFDT5005	Design a batch or limited production item of furniture	
MSFFDT5006	Design a furniture product using high volume technology services (HVTS) in production	
MSFFDT5007	Design a one-off item of furniture	
MSFFDT5008	Research and recommend alternative manufacturing processes	
MSFFDT5009	Research and recommend machine technology	
MSFFDT5011	Assess economic impact of a design	
MSFFDT5012	Design for mass production	
MSFFDT5013	Evaluate and participate in design industry networks	
MSFFDT5015	Work collaboratively on a design project	
MSFFT5001	Evaluate and select production materials and equipment	
MSFFT5004	Develop and document procedures and specifications	
MSFFT5008	Develop, trial and evaluate prototypes	
MSFFT5009	Determine production feasibility of designs	
MSS015022	Develop strategies for more sustainable use of resources	
MSS402082	Apply cost factors to work practices	
MSS404084	Undertake process capability improvements	
MSS404054	Apply statistics to operational processes	
MSS405031	Undertake value analysis of product costs in terms of customer requirements	

Group B

Select at least **four (4)** units from Group B. A minimum of **two (2)** units must be units coded MSF*****

Unit code	Unit title	Prerequisites

Innovation and Business Skills Australia

Unit code	Unit title	Prerequisites
BSBCRT401	Articulate, present and debate ideas	
BSBCRT402	Collaborate in a creative process	
BSBINM501	Manage an information or knowledge management system	
BSBWHS504	Manage WHS hazards and risks	
MEM15001B	Perform basic statistical quality control	
MEM16006A	Organise and communicate information	
MEM16007A	Work with others in a manufacturing, engineering or related environment	
MEM16008A	Interact with computing technology	
MEM16013A	Operate in a self-directed team	*
MEM30024A	Participate in quality assurance techniques	*
MEM30031A	Operate computer-aided design (CAD) system to produce basic design elements	
MEM30033A	Use computer-aided design (CAD) to create and display 3-D models	*
MSFDN5001	Generate and transfer complex computer-aided drawings and specifications	
MSFFT5002	Establish and develop production processes and area layout	
MSFFT5003	Manage installation and commissioning of equipment	
MSFFT5005	Organise enterprise maintenance programs	
MSFFT5006	Plan production	
MSFFT5007	Optimise computer numerically controlled (CNC) operations	
MSFFT5010	Develop products and related processes	
MSFGG3039	Manually move glass	

Unit code	Unit title	Prerequisites
PSPPCM011	Plan to manage a contract	
PSPPCM008	Manage contract performance	

Group C

Up to **six (6)** relevant units can be chosen from other units not already selected from Groups A and B, or units available in this Training Package, other endorsed Training Packages and accredited courses. Those units must be aligned at Certificate IV level (maximum 2 units), Diploma level (maximum 6 units) or Advanced Diploma level (maximum 2 units).

Units selected from other Training Packages and accredited courses via Group C must be relevant to the qualification outcome and not duplicate units available within this qualification.

Qualification Mapping Information

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Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73