



Australian Government

MSFFDT5007 Design a one-off item of furniture

Release: 1

MSFFDT5007 Design a one-off item of furniture

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers identifying the qualities of a one-off designed furniture item and designing a furniture product for a client or for exhibition based on those qualities. It can apply to a custom furniture business and/or design support environment and can include custom-made details and fittings in the construction of the product.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Furniture design and technology

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Identify and analyse qualities and properties of one-off made furniture items	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to the design of one-off furniture items are verified and complied with
		1.2	Details of the qualities and properties of one-off made furniture methods are identified, reviewed and documented
		1.3	Details are recorded in accordance with enterprise practice
2	Prepare design brief	2.1	Product needs and external parameters and factors are reviewed and clarified with the client
		2.2	Report on product needs is produced, including design opportunities

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| | | 2.3 | Feedback from the client is recorded |
| | | 2.4 | Details of changes are negotiated with client and recorded |
| | | 2.5 | Outcomes of design process are clarified and agreed to with client |
| | | 2.6 | Design brief is prepared and documented, including budget, timelines, production needs and methods |
| 3 | Generate ideas in response to design brief | 3.1 | All relevant information on produce need and client needs are analysed and absorbed |
| | | 3.2 | Ideas are generated from information provided using lateral thinking methods |
| | | 3.3 | Ideas are visually presented |
| | | 3.4 | Ideas are matured through review and re-working |
| | | 3.5 | New ideas are generated from initial ideas |
| | | 3.6 | Final ideas are visually presented |
| 4 | Evaluate and develop design proposals | 4.1 | Each design idea is evaluated against prioritised product and client needs and recommendation recorded |
| | | 4.2 | Design proposals are scored against weighted assessment criteria and results recorded |
| | | 4.3 | Feasible high scoring design proposals are selected for further development |
| | | 4.4 | Design proposals are developed in response to evaluation feedback |
| 5 | Present product proposals to client | 5.1 | Product proposals are prepared for presentation to client |
| | | 5.2 | Presentation arrangements are made, checked and confirmed |
| | | 5.3 | Design proposals are presented to the client |
| | | 5.4 | Client feedback is gained, analysed and confirmed |
| | | 5.5 | Design proposals are completed with consideration to client feedback |
| 6 | Produce final | 6.1 | Construction details are finalised and documented |

product proposal information ready for making	6.2	Visual aspects of product proposal are documented
	6.3	Part details are documented
	6.4	Manufacturing methods are documented
	6.5	Details are recorded in accordance with enterprise practice

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

- Unit context includes:**
- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
 - work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
 - work requires individuals to demonstrate conceptual and analytical ability, discretion, judgement and problem solving
 - customers or suppliers may be internal or external
- Inspirational information includes:**
- catalogues
 - brochures
 - magazines
 - existing products
 - reference books
 - other existing enterprise design information

Visual needs of the product include:

- transferable technological ideas or concepts
- natural or man-made structures and objects
- point
- line
- plane
- volume
- shape
- form
- tone
- colour
- surface
- texture
- scale
- size
- vertex
- edge
- face
- position
- direction
- space
- balance
- movement
- proportion
- rhythm
- repetition
- pattern
- relief
- mass
- movement

Ethical considerations include:

- social justice
- environmental sustainability
- biodiversity
- cultural heritage
- social responsibility of furniture makers

Lateral thinking methods include:

- suspending belief
- looking for gaps of need alternatives
- daydreaming
- creative leaping
- filaments
- brainstorming
- six thinking hats
- asking questions of norms and beliefs

Information and procedures include:

- work procedures/instructions
- manufacturer specifications and instructions
- standard forms of workplace process and procedures
- organisation work specifications and requirements
- legislation, regulations and codes of practice
- quality and Australian Standards and procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFDT5009A Design a one-off item of furniture

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>