



Australian Government

Assessment Requirements for MSFFDM4014 Produce manual and computer-aided drawings from design concepts

Release: 1

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Modification History

.Release 1. Unit code and title changed. Application changed. Elements and Performance Criteria simplified and changed to active voice. Range of Conditions removed with relevant information moved to Assessment Requirements. Assessment Requirements changed to include volume and frequency of evidence and remove duplication with Performance Criteria. Supersedes and is not equivalent to MSFDN4001 Produce drawings from design concepts.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- interpret specifications and measurements in two and three-dimensional (2D and 3D) form, and:
 - produce three drawings from design concepts, including:
 - one manual drawing
 - one computer-aided 2D drawing
 - one computer-aided 3D drawing
 - select appropriate equipment and software to achieve the drawing requirements
 - utilise the features and functions of equipment and software in a best-practice manner.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manual and computer-aided drawing:
 - processes
 - techniques
 - expected features
 - presentation protocols
- principles for design and manufacture, especially relating to furniture and furnishings
- current industry-standard softwares used for CAD, including their features and functions:
 - drawing tools
 - view displays
 - edit functions
 - working with layers
 - plotting
 - printing

- regulatory requirements, recognised standards and codes, and industry practices for drawing.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - design concepts
 - specifications
 - drawing equipment and current industry-standard software

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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