



Australian Government

MSFID5020 Design residential interiors

Release: 1

MSFID5020 Design residential interiors

Modification History

Release 1. Supersedes and is equivalent to MSFID5001 Design residential interiors.

Application

This unit of competency describes the skills and knowledge required to formulate creative design solutions for residential interior design projects, satisfying the physiological, psycho-logical, social, cultural and environmental requirements of the client brief. Designs include the manipulation of interior elements such as walls, floors, ceilings and staircases.

This unit applies to interior designers.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking interior decoration and design work. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Interior Decoration and Design

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Analyse the project brief	1.1 Evaluate project specifications, parameters and constraints, and confirm with client 1.2 Select resources appropriate to work requirements 1.3 Identify key project stakeholders and establish required communication protocols
2. Conduct project research	2.1 Identify and assess aspects of the space that impact on potential solutions through site analysis and measurement 2.2 Clarify intended function and desired effects and explore with the client

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.3 Research and evaluate contextual information relating to the brief 2.4 Determine functional, access and planning issues specific to the site and client requirements 2.5 Identify and liaise with key consultants to determine structural, electrical, mechanical and environmental elements of the building that impact design 2.6 Develop and document project plan identifying key steps and responsibilities
3. Develop design concepts	3.1 Generate multiple ideas that are sympathetic to the project brief 3.2 Explore, integrate and refine different options through a process of reflection and testing 3.3 Assess environmental implications of the project and review design concepts to ensure maximum energy efficiency is achieved in solution 3.4 Test viability of interrelated ideas in an holistic way 3.5 Present concepts to the client using support documentation and tools suited to the scope of the project
4. Design the space	4.1 Translate ideas into three dimensional (3D) space satisfying functional criteria 4.2 Explore evidence of 3D notions through modelling 4.3 Present the idea with the greatest potential for success to promote the design's acceptance using both 2D and 3D representations 4.4 Select a materials palette to enhance spatial ideas 4.5 Seek client feedback, agree to and record amendments and revise and refine ideas 4.6 Modify design in response to critical feedback without losing integrity of the design intention
5. Revise and refine solution	5.1 Further review and resolve spatial planning and resolve in response to client feedback 5.2 Select materials, colours, finishes, fixtures and fittings that are appropriate for the concept and brief parameters 5.3 Seek feedback through consultation with the client and incorporate into design solution.
6. Prepare client	6.1 Choose presentation method, techniques and media based on

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
presentation	suitability for the design solution 6.2 Prepare documentation, drawings and material selections that are consistent with the design intent 6.3 Complete work to plan and within brief constraints 6.4 Analyse client feedback and response to determine success in achieving client satisfaction 6.5 Evaluate work through feedback and own reflection, and identify potential improvements for use in future projects

Foundation Skills

The Foundation Skills describe those required skills (such as, language, literacy, numeracy and employment skills) that are essential to performance:

- technology skills to research and present design information using digital media.

Other foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFID5001 Design residential interiors.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSFID5020 Design residential interiors

Modification History

Release 1. Supersedes and is equivalent to MSFID5001 Design residential interiors.

Performance Evidence

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

- developed and presented interior designs that meet the requirements of the project brief for 3 residential interiors that individually or cumulatively involve:
 - multiple spaces and residential functions
 - spatial planning
 - changes to room layouts
 - building services requirements
 - structural aspects requirements
 - multiple levels.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the scope of interior design, and when an architect or structural engineer needs to be involved
- Australian Standards, National Construction Code (NCC) and statutory planning regulations affecting interior design for single occupancy detached or attached dwellings , and individual sole occupancy units within a class 2 building, including:
 - minimum room sizes
 - minimum ceiling heights
 - habitable and non-habitable rooms
 - natural light and ventilation
 - stairs and ramps
 - mechanical ventilation of non-habitable rooms
 - ergonomics, anthropometrics, proxemics and aesthetic values
 - design process, key stages and associated planning techniques
 - types of creative methodologies used in the design process
- mathematical procedures for working in scale
- types of information that may inform the design process:
 - cultural
 - environmental

- historical
- technological
- type and scope of client and/or project brief that informs work in a residential context:
 - budget
 - client preferences
 - aesthetic and functional requirements
 - site characteristics
 - timeline
- how different aspects of space impact on potential solutions, including:
 - design elements and principles
 - colour
 - light
 - materiality
 - fenestrations
- types and features of resources that support the provision of design advice, and how they are used, including:
 - research tools
 - product tools
 - communication tools
- basic residential building construction and how the existing structure may be impacted by interior design through:
 - penetrations to interior floor and ceiling
 - changes to interior load bearing elements
 - structural integration of new interior elements with existing structure
- basic construction of built interior elements, load bearing and non-load bearing, and how they are designed and represented through drawings:
 - internal walls
 - internal floors
 - ceiling components
 - internal columns
 - internal doors
 - interior beams
 - interior stairs
 - interior custom joinery
- types of services in residential buildings, their features, and how they are designed:
 - hydraulic
 - electrical
 - information and communication technology (ICT)
 - environmental controls
 - lighting

- types and features of drawings and other visual presentation techniques used to present design solutions
- digital and non-digital sketching and drawing techniques to architectural drawing standards.

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 briefs
 - spaces for design
 - measuring equipment
 - information technology for research and design presentation.

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>