



Australian Government

MSFID5005 Explore and apply creative design methodology to interior space

Release: 1

MSFID5005 Explore and apply creative design methodology to interior space

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers manipulating 3-D interior space and form applying the elements and principles of design in response to a brief. It involves observing and analysing a range of complex spatial typologies.

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

Pre-requisite Unit

Competency Field

Unit Sector

Interior Decoration and Design

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Research and evaluate a range of complex spaces	1.1	The spatial relationships of objects in a range of interior spaces are observed and evaluated
		1.2	A range of existing spatial typologies are observed and compared
		1.3	A range of existing spatial arrangements and organising systems are observed and evaluated
2	Manipulate 3-D space and form applying design methodologies	2.1	The elements and principles of design are applied to organise elements in 3-D interior space to satisfy brief requirements

	2.2	3-D space is manipulated using colour, texture and light
	2.3	Complex spatial arrangements are explored to satisfy brief requirements
	2.4	Scale, volume and proportion are explored for 3-D space and form to satisfy brief requirements
3	Resolve interior design problems applying design methodologies	3.1 Interior space is resolved applying the elements and principles of design
		3.2 Interior design elements are resolved applying the elements and principles of design
		3.3 Design solution is evaluated and further refined to satisfy brief requirements
		3.4 Interior design solution is communicated through a range of media
		3.5 Feasibility of solution is explored and qualified
		3.6 Design solution and processes used are reviewed to assess own skill and identify areas for improvement or modification

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:	• work health and safety (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, Liveable and Accessible Housing Design guidelines, and organisation insurance requirements • work requires individual to demonstrate discretion, judgement and problem solving, plus self-management and learning skills
Spatial typology includes:	• voids • apertures • thresholds • atriums • vertical and horizontal circulation systems • public spaces • multi-level spaces • mezzanines • transitional spaces • staircases • ceiling planes
Spatial arrangements and organising systems include:	• axis • grids • lineal arrangements • centralised arrangements • nested spaces • modular systems • hierarchical systems • repetition structures
Elements and principles of design, including liveability and accessibility, include:	• balance • similarity • texture • contrast • size • ground, volume • composition • orientation • form

Information and procedures include:

- structure
- 2-D space
- position
- proportion
- 3-D space
- repetition
- scale
- line
- rhythm
- pattern
- point
- symmetry
- tone
- plane
- work instructions, including plans, drawings and designs
- workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFID5005A Explore and apply creative design methodology to interior space.

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 MSFID5005 Explore and apply creative design methodology to interior space

Modification History

Release 1 - New unit of competency

Performance Evidence

- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Apply design elements and principles to complex 3-D form and interior space and manipulate the elements and principles of design
- Use conceptual models and other 3-D and spatial visualisation techniques
- Observe and analyse the way complex spaces are configured and arranged and apply this to resolving interior design problems by exploring, evaluating and refining design solutions
- Observe and compare 3-D spaces to understand and apply the elements and principles of design when organising 3-D space
- Use mathematical ideas and techniques to correctly complete measurements, calculate area/volume and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications, presentation of design/colour concepts, the reporting of work outcomes and problems
- Initiate new ideas and work techniques
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the full range of processes for applying creative methodologies
- Organisational and site standards, requirements, policies and procedures for applying creative methodologies
- Elements and principles of design, including liveability and accessibility
- Interrelationship of forms in space
- Concept of space
- Uses of objects and forms
- Interior elements
- Space, volume and proportion and their application to interior design
- Spatial concepts, such as illusion (e.g. Trompe d'l oeil)

- Relationship of objects in space
- Methods of interpreting space
- Design process and progression of ideas
- Environmental protection considerations for interior design
- Established communication channels and protocols
- Relevant problem identification and resolution techniques
- Design communication techniques

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to materials, equipment and specifications relevant to exploring and applying creative design methodologies to interior space.

Links

Companion Volume implementation guides are found in VETNet -

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