



Australian Government

Department of Education, Employment and Workplace Relations

LMFID5005A Explore and apply creative design methodology to interior space

Revision Number: 1

LMFID5005A Explore and apply creative design methodology to interior space

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge required to manipulate 3-D interior space and form applying the elements and principles of design in response to a brief.
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Application of the Unit

Application of the unit	This unit supports the attainment of skills and knowledge required to observe and analyse a range of complex spatial typologies, manipulate 3-D space and form applying the elements and principles of design and resolve interior space applying the elements and principles of design. This unit covers employability skills in initiative and enterprise and problem solving to apply design principles to form and space in order to meet brief requirements. Communication skills are used to convey design solution and self management and learning skills are applied to assess and reflect on own design skills and identify areas for improvement.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units		

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
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 <i>spatial typologies</i> are observed and compared 1.3. A range of existing <i>spatial arrangements and organising systems</i> are observed and evaluated
2. Manipulate 3-dimensional space and form applying design methodologies	2.1. The <i>elements and principles of design</i> 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 <i>communicated</i> 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

Required Skills and Knowledge

Required skills

- observing and comparing 3-D spaces
- understanding and applying the elements and principles of design when organising 3-D space
- creativity
- innovation
- research and critical evaluation of existing spaces
- presenting design ideas
- carrying out work according to OHS practices

Required knowledge

- State or Territory OHS 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
- 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
- evidence of design process and progression of ideas
- environmental protection considerations for interior design
- established communication channels and protocols
- problem identification and resolution techniques
- design communication techniques

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- Apply design elements and principles to complex 3-D form and interior space
- 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
- Explore, evaluate and refine design solutions
- Communicate design ideas

Context of and specific resources for assessment

- The application of competency is to be assessed in the workplace or realistically simulated workplace
- Assessment is to occur under standard and authorised work practices, safety requirements and environmental constraints
- Assessment of essential underpinning knowledge, other than confirmatory questions, will usually be conducted in an off-site context
- Assessment is to comply with relevant regulatory or Australian Standards requirements
- The following resources should be made available:
 - workplace location or simulated workplace
 - materials and equipment relevant to exploring and applying creative design methodologies to interior space
 - specifications and work instructions

Method of assessment

- Assessment must satisfy the endorsed assessment guidelines of the Furnishing Industry Training Package
- Assessment methods must confirm consistency and accuracy of performance (over time and in a range of workplace relevant contexts) together with application of underpinning knowledge
- Assessment methods must be by direct observation of tasks and include questioning on underpinning knowledge to ensure its correct interpretation and

EVIDENCE GUIDE	
	application • Assessment may be applied under project related conditions (real or simulated) and require evidence of process • Assessment must confirm a reasonable inference that competency is able not only to be satisfied under the particular circumstance, but is able to be transferred to other circumstances • Assessment may be in conjunction with assessment of other units of competency
Guidance information for assessment	

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.	
Spatial typology	may include but not be limited to 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	may include but not be limited to xis, grids, lineal arrangements, centralised arrangements, nested spaces, modular systems, hierarchical systems, repetition structures
Elements and principles of design	may include but not be limited to balance, similarity, texture, contrast, size, ground, volume, composition, orientation, form, structure, 2-D space, position, proportion, 3-D space, repetition, scale, line, rhythm, pattern, point, symmetry, tone and plane
Communication methods	may include but not be limited to diagrams, mind mapping, 3-D sketching, conceptual sketches, collage finished art work photomontage, conceptual models finished models, block diagrams, charts, bubble diagrams and flow charts

Unit Sector(s)

Unit sector	Interior decoration and design.
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		