



Australian Government

Department of Education, Employment and Workplace Relations

LMFID4004A Research and recommend furniture and accessories

Revision Number: 1

LMFID4004A Research and recommend furniture and accessories

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit specifies the outcomes required to research and recommend furniture and accessories for various decoration and design solutions to meet client and project brief requirements.
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Application of the Unit

Application of the unit	This unit supports the attainment of skills and knowledge required for competent research and recommendation of furniture and accessories and applies to a design and decoration, retail, consulting or studio environment. These skills and knowledge are to be used within the scope of the person's job and authority. This unit requires employability skills in initiative and enterprise and problem solving in order to direct the research and selection of suitable furnishings. Communication skills are used to access and interpret information using information technologies and complete required documentation. Self management and learning skills are applied in the review of information and arrangements to ensure project needs are met.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

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. Interpret decoration requirements from project brief	1.1. Applicable OHS, legislative and organisational requirements relevant to researching and recommending furniture and accessories are verified and complied with 1.2. Project brief is reviewed and clarified with client to determine requirements for furniture and accessories 1.3. Parameters for furniture and accessories are assessed and confirmed 1.4. Resources are selected appropriate to work requirements and checked for operational effectiveness 1.5. Communication with others is established and maintained
2. Research furniture	2.1. Aesthetic and style requirements of the furniture are assessed 2.2. Intended application for the furniture is analysed and reviewed 2.3. New furniture technologies are researched and reported 2.4. Tactile requirements of the furniture in relation to the design are researched 2.5. Properties of the materials used in the production of furniture are analysed and evaluated 2.6. Manufacturing processes and available expertise for the desired furniture are assessed 2.7. Costs and availability of furniture are assessed and compared 2.8. Environmental impact of furniture materials used are assessed 2.9. Longevity and restorability qualities of furniture are researched 2.10. Space is measured for furniture requirements, calculating quantities and requirements 2.11. Principles of anthropometrics, ergonomics and spatial relationships are applied
3. Research accessories	3.1. Aesthetic and colour requirements of the accessories are assessed 3.2. Intended application for the accessories is analysed and reviewed

ELEMENT	PERFORMANCE CRITERIA
	3.3. New accessory technologies are researched and reported 3.4. Tactile requirements of the accessories in relation to the design are researched 3.5. Properties of the materials used in the production of accessories are analysed and evaluated 3.6. Manufacturing processes and available expertise for the desired accessories are assessed 3.7. Costs and availability of accessories are assessed and compared 3.8. Environmental impact of accessory materials used is assessed 3.9. Longevity and restorability qualities of accessories are researched 3.10. Space is measured for accessory requirements, calculating quantities and requirements 3.11. Sketches and drawings are completed and prepared for positioning of products, materials and accessories
4. Make recommendations to client	4.1. Quantities and qualities of selected furniture and accessories are presented and promoted to the client 4.2. Performance and characteristics of selected furniture and accessories are presented and promoted to the client 4.3. Costs associated with purchasing and obtaining the furniture and accessories are provided in quote form to the client 4.4. Presentation of research information and samples is made, highlighting the findings and rationale for the furniture and accessories chosen 4.5. Feedback and follow up is instigated and maintained with the client

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- collecting, organising and understanding information related to work briefs, basic plans and safety procedures
- communicating ideas and information
- accurately recording and maintaining information
- using computer operations for internet access and searches
- analysing performance characteristics
- comparing findings
- communicating with suppliers
- maintaining accurate records
- clarifying and checking taskrelated information
- carry out work according to OHS practices
- recognising and responding to circumstances outside instructions or personal competence
- efficiently and safely contributing to innovative interior decoration and design processes
- using mathematical ideas and techniques to correctly complete measurements, calculate area and volume, and estimate other material requirements
- maintaining current knowledge of interior decoration and design techniques
- using the workplace technology related to the use of tools including calculators, measuring and recording devices

Required knowledge

- State or Territory OHS legislation, regulations, standards and codes of practice relevant to the full range of processes for researching and recommending furniture and accessories
- organisational and site standards, requirements, policies and procedures for researching and recommending furniture and accessories
- elements and principles of design
- creativity and artistic relevance
- ergonomics, anthropometrics, proxemics and aesthetic values
- types of equipment and procedures for their safe use, operation and maintenance
- characteristics of materials, products and defects
- computer programs
- furniture types and styles
- accessory types and styles
- design themes and design development
- colours, furnishings and decorations

REQUIRED SKILLS AND KNOWLEDGE

- sketching and drawing techniques
- procedures for the recording, reporting and maintenance of workplace records and information
- appropriate mathematical procedures for estimation and measurement
- environmental protection requirements
- established communication channels and protocols
- problem identification and resolution

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

- Effectively research and recommend furniture and accessories to assist with informing the design and decoration process and arrive at a solution which meets client requirements
- Effectively apply design elements and principles to the research and recommendation of furniture and accessories
- Effectively research and recommend furniture and accessories in accordance with the project brief
- Comply with legislation, regulations, standards, codes of practice and established safe practices and procedures for researching and recommending furniture and accessories
- Communicate effectively and work safely with others in the work area

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 researching and recommending furniture
 - 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

EVIDENCE GUIDE	
	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 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.

OHS requirements	are to be in accordance with Commonwealth, State or Territory legislation and regulations, organisational safety policies and procedures. Requirements may include but not be limited to the use of personal protective equipment and clothing, fire fighting equipment, first aid equipment, hazard and risk control and elimination of hazardous materials and substances, manual handling including lifting and carrying
Legislative requirements	are to be in accordance with applicable legislation from all levels of government that affect organisational operation. Requirements may include but not be limited to award and enterprise agreements, industrial relations, Australian Standards, confidentiality and privacy, OHS, the environment, equal opportunity, anti-discrimination, relevant industry codes of practice, duty of care and heritage
Organisational requirements	may include but not be limited to legal, organisational and site guidelines, policies and procedures relating to own role and responsibility, quality assurance, procedural manuals, quality and continuous improvement processes and standards, OHS, emergency and evacuation, ethical standards, recording and reporting, access and equity principles and practices, equipment use, maintenance and storage, environmental management (waste disposal, recycling and re-use guidelines)
Project brief	may include but not be limited to client needs and objectives, client aims and objectives and criteria for evaluation, milestones, organisational or personal profiles and aims, image requirements and function, target

RANGE STATEMENT	
	market, budget, timeline, consultation requirements and colour requirements
Client	may include but not be limited to suppliers, manufacturers, private clients, colleagues, retailers or the public
Parameters	may include but not be limited to scope of brief, approval to make changes, effect or feel trying to be achieved, functionality (short and long term), budget restrictions and established timelines
Resources	may include but not be limited to computers, computer software, design software, computer aided drafting (CAD) software, colour boards, storyboards, swatches, Pantone Matching System (PMS), journals (directions magazines), artistic equipment and products and model making equipment
Communication	may include but not be limited to verbal and non-verbal language, constructive feedback, active listening, questioning to clarify and confirm understanding, use of positive, confident and cooperative language, use of language and concepts appropriate to individual social and cultural differences, control of tone of voice and body language
Aesthetics	may include but not be limited to the consideration of appeal to a large number of people; products are pleasing to the eye of many who view it
Styles	- may include but not be limited to furniture designers and key figures such as Frank Lloyd Wright, Charles Eames and Antonio Gaudi - may include but not be limited to schools and movements, such as Bauhaus in Germany, Federal style in the United States, and Art Nouveau in Europe - may include but not be limited to periods and styles, such as the neo-classical Adams style, the simple lines of Art Deco, and the asymmetrical style of Rococo - may also include but not be limited to decorative details, such as rosettes, foots, hinges, and mouldings

RANGE STATEMENT	
Furniture	may include but not be limited to kitchen and bathroom furniture, family rooms, lounges, bedrooms, dining rooms, rumpus rooms, offices, reception areas, hallways, laundries, media rooms and entertainment rooms
Tactile	may include but not be that perceived by the sense of touch and producing the effect of three-dimensional depth
Properties	may include but not be limited to durability, level of fire retardancy, fibre make up, composition, textile use, material use, finishes, quality, environmental sustainability, ergonomics, flammability, maintenance requirements, wear and tear and construction methods
Materials	may include but not be limited to solid timber (native and imported), manufactured timber products, plastic, metal, alloys, stones, glass, textiles (wool, cotton, polyester, silk, nylon and blends), fibreglass, foam, cardboard, paper products or any other manipulable substance
Manufacturing process	may include but not be limited to the methods by which the product will be produced, these steps usually entail working from working drawings and specifications, producing components utilising machine operations, assembly of the components and finishing techniques
Environmental impact	may include but not be limited to how the sourcing and use of materials effects the environment and how its continued use will effect the area the material was sourced from, energy consumption in processing the material, greenhouse gases created, waste levels and resource utilisation. Similarly what impact will be felt by reducing or stopping use of the material
Longevity and restorability	may include but not be limited to an analysis of how long the material is expected to maintain its structure and colour, while maintaining quality of aesthetic value and how readily the material can be repaired or replaced

RANGE STATEMENT	
Anthropometrics	• may include but not be limited to the scientific study of the measurements of the human body
Ergonomics	• may include but not be limited to the study of the efficiency of persons in their working environment
Accessories	• may include but not be limited to trinkets, ceramics, trays, vases, carvings, baskets, pots, plants, candles, clocks, silverware, mirrors, frames, screens, floral displays, haberdashery, glassware, fireplace items, gifts, hand crafts, water features, photographs, pottery, personal items, statues, book ends, bowls and bottles
Sketches and drawings	• may include but not be limited to hand drawn images or ideation drawings completed freehand, drafted technical drawings or drawings produced on computer using CAD software packages. These usually contain project specifications
Quality	• may include but not be limited to an inspection system for ensuring that pre-determined quality standards are being met, highlighting non-conformances requiring intervention
Performance and characteristics	• may include but not be limited to the assessment of products to determine if they meet the requirements of the intended end use application and how well they do it, the durability and composition of the product
Costs	• may include but not be limited to the cost of products and materials together with the cost of obtaining them either locally, interstate or overseas
Quoting	• may include but not be limited to a price for a project taking account of the sizes associated with the project, the cost of materials, labour and overheads

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		