



Australian Government

Department of Education, Employment and Workplace Relations

LMFFDT4015A Research furniture styles and movements

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit specifies the outcomes required to research styles and movements and analyse how they influence furniture design.
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Application of the Unit

Application of the unit	This unit supports the attainment of skills and knowledge required for the implementation of research techniques to access a range of information sources on furniture styles and movements. It also covers the identification of influences on the design of furniture and the documentation of information for use in furniture design projects. This unit requires employability skills in initiative and enterprise and problem solving in order to direct the research and identify research implications. Communication skills are used to access and interpret information using information technologies and document findings. Self management and learning skills are applied in the location and analysis of new information and the assessment of the value of information sourced.
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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 required performance needed to demonstrate achievement of the Element. Where bold italicised text is used, further information is detailed in the required skills and knowledge and/or 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. Plan research	1.1. Applicable OHS, legislative and organisational requirements relevant to researching furniture styles and movements are verified and complied with 1.2. Design brief is reviewed, confirmed and clarified with appropriate personnel 1.3. Relevant research sources of information on furniture styles and movements are located 1.4. Formal and informal research techniques are selected to access the information 1.5. Scope of research is determined
2. Conduct research and document findings	2.1. Research is conducted using a range of research techniques 2.2. Geographical research is conducted to detect influences 2.3. Cultural, economic and environmental influences on furniture styles and movements are identified 2.4. Features of furniture are identified 2.5. Significant trends, designers and techniques and their influences on styles and movements are identified 2.6. Research information is applied to current furniture design trends, philosophy and surrounding buildings 2.7. Information is documented to develop reference materials to inform design projects 2.8. Research materials and results of the research are organised and compiled into easy to access facilities for further reference
3. Maintain currency with furniture styles and movements	3.1. Research sources and compiled information are regularly checked for usefulness in informing design projects 3.2. Opportunities to update and expand research of styles and movements are scheduled 3.3. Findings from research are regularly incorporated into design outcomes

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential knowledge and skills and their level, required for this unit.

Required skills

- conduct research
- read and interpret information
- maintain accurate records
- communicate within the workplace
- carry out work according to OHS practices
- conduct internet searches
- assess the value of information
- sketch and record information visually.

Required knowledge

- State or Territory OHS legislation, regulations, standards and codes of practice relevant to researching styles and movements
- organisational and site standards, requirements, policies and procedures for researching styles and movements
- elements and principles of design
- ergonomics and aesthetic values
- types of tools and equipment and procedures for their safe use, operation and maintenance
- characteristics of materials, products and defects
- set up and operation of equipment
- computer programs
- research techniques
- presentation techniques and equipment
- product assembly techniques
- storage systems and labelling
- 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, the Range Statement and the Assessment Guidelines for the relevant Training Package.

Overview of assessment

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

- Effectively research furniture styles and movements to assist with informing current design practices, challenging and adapting influences into current designs
- Effectively apply design elements and principles to the research of styles and movements
- Effectively research styles and movements in accordance with the concepts and design brief
- Comply with legislation, regulations, standards, codes of practice and established safe practices and procedures for researching styles and movements
- 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 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 styles and movements
 - 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 application.
- Assessment may be applied under project related conditions

EVIDENCE GUIDE	
	(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 in the Performance Criteria is detailed below. Add any 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.

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)
Design brief	may include but not be limited to client needs and objectives, client aims and objectives and criteria for evaluation, milestones for the design project, organisational or personal profiles and aims, image requirements and function, target market, budget, timeline and consultation requirements
Research sources	may include but not be limited to scientific texts, historical texts and journals, oral histories, journals, periodicals, images, objects, films, videos, micra fish, internet, technical information, stories, libraries, museums, universities and collection catalogues
Information	may include but not be limited to philosophy, world histories, cultural issues, spiritual issues, religious issues, histories of furniture design, linguistics, aesthetics, politics, gender and identity issues, land and place, signs and symbols, criticism,

RANGE STATEMENT	
	new technologies and light
Styles and movements	• 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 include but not be limited to decorative details, such as rosettes, foots, hinges, and mouldings
Research techniques	• may include but not be limited to internet searches, interview, discussion, books, journals, film, documentaries and first hand review
Geographical research	• may include but not be limited to international, national, regional and local influences
Facilities	• may include but not be limited to files, computer files, indices, databases, charts and diagrams
Documented	• may include but not be limited to freehand drawings, sketches, ideation drawings, working drawings, computer generated documentation, pictures, illustrations, photos, multimedia presentations, materials or theme boards, specifications and measurements

Unit Sector(s)

Unit sector	Furniture design and technology.
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		