



Australian Government

MSFFDT4012 Research furniture styles and movements

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers researching furniture styles and movements and analysing how they influence furniture design by accessing a range of information sources. It also covers identifying influences on the design of furniture and documenting information for use in furniture design projects.

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

Pre-requisite Unit

Competency Field

Unit Sector

Furniture design and technology

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Plan research	1.1	Applicable work health and safety (WHS), 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	2.1	Research is conducted using a range of research

	and document findings		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

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:**
- 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 and organisation insurance requirements
 - work requires individuals to demonstrate conceptual and analytical ability, discretion, judgement and problem solving
 - customers or suppliers may be internal or external
- Design brief includes:**
- the aims, objectives, milestones for the design project
 - organisational or personal profiles
 - target audience
 - budget
 - timeline
 - consultation requirements
 - colour requirements
 - image requirements
 - function
- Research sources include:**
- scientific texts
 - historical texts and journals
 - oral histories
 - journals
 - periodicals
 - images
 - objects
 - films
 - videos
 - microfiche
 - internet
 - technical information
 - stories
 - libraries
 - museums
 - universities
 - collection catalogues
- Information includes:**
- philosophy texts
 - world histories
 - cultural issues publications

	• spiritual issues publications • religious texts • histories of furniture design • linguistics, aesthetics and political publications • gender and identity issues texts • place, signs and symbols • criticism • new technologies • popular media
Styles and movements include:	• furniture designers and key figures, such as Frank Lloyd Wright, Charles Eames and Antonio Gaudi • schools and movements, such as Bauhaus in Germany, Federal style in the United States, and Art Nouveau in Europe • periods and styles, such as the neo-classical Adams style, the simple lines of Art Deco, and the asymmetrical style of Rococo • decorative details, such as: • rosettes • foots • hinges • mouldings
Research techniques include:	• internet searches • interview • discussion • books • journals • films • documentaries • first hand review
Geographical research includes:	• international • national • regional • local influences
Facilities include:	• files • computer files • indices • databases • charts • diagrams
Documentation includes:	• freehand drawings • sketches

- ideation drawings
- working drawings
- computer-generated documentation
- pictures
- illustrations
- photos
- multimedia presentations
- materials or theme boards
- specifications
- measurements

Unit Mapping Information

Supersedes and is equivalent to LMFFDT4015A Research furniture styles and movements

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 MSFFDT4012 Research furniture styles and movements

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Performance Evidence

- Collect, organise and understand information related to furnishing work instructions and work orders and safety procedures
- Identify materials used in the work process
- Research furniture styles and movements to assist with informing current design practices, challenging and adapting influences into current designs
- Apply design elements and principles to the research of styles and movements in accordance with the concepts and design brief
- Lead others and work effectively to improve production quality and outcomes
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Use workplace technology related to the coordination, including communication equipment, time and management aids and other measuring devices
- Minimise wastage of resources, including materials, time and money
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity and encourage participation of employees in the planning of work activities and changes

Knowledge Evidence

- State or territory WHS 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
- Significant trends, designers and techniques and their influences on styles and movements
- Characteristics of materials, products and defects
- Relevant computer programs for research and documentation
- Relevant research techniques
- Presentation techniques and equipment
- Procedures for the recording, reporting and maintenance of workplace records and information
- Environmental protection requirements
- Established communication channels and protocols

- Relevant problem identification and resolution

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 and equipment relevant to researching styles and movements.

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