



Australian Government

Department of Education, Employment and Workplace Relations

CUVVSP58B Produce wood objects

Release: 1

CUVVSP58B Produce wood objects

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit describes the skills and knowledge required to produce wood objects through the exploration and application of a range of techniques, tools, equipment and materials. As such the range of techniques could be quite varied and broad in nature. It is a specialisation unit and refers to a specific art form. This work would usually be carried out under limited supervision.

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

Application of the Unit

Not Applicable

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Prerequisite units

It is highly recommended that this unit be assessed in conjunction with the following units:

- CUVCOR03B Develop, refine and communicate concept for own work
- CUVCOR08B Produce drawings to represent and communicate the concept
- CUVCOR12B Review history and theory for application to artistic practice.

Depending on the context, combined assessment and/or training with a range of other units would also be appropriate, e.g.:

- CUVCRS08B Document the work progress
- CUVCRS14B Prepare, store and maintain finished work.

Employability Skills Information

Employability skills

This unit contains employability skills.

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.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

- | | |
|---|--|
| 1 Prepare and maintain resources for producing wood objects. | <ul style="list-style-type: none">1.1 Correctly identify and select tools, equipment and materials required for the production of wood objects.1.2 Prepare, clean and maintain tools, equipment and materials in accordance with relevant workplace procedures and safety requirements.1.3 Organise and maintain work space so that it remains clean and safe.1.4 Store tools, equipment and materials in accordance with relevant workplace and safety requirements. |
| 2 Explore techniques to plan work with work. | <ul style="list-style-type: none">2.1 Assess the capabilities of techniques, tools, equipment and materials for different types of wood objects.2.2 Use and/or combine different techniques, tools, equipment and materials to determine and extend capabilities.2.3 Determine the conceptual vision for the proposed wood objects based on exploration of different techniques or from supplied information.2.4 Establish criteria for the selection of techniques to meet the conceptual vision.2.5 Select techniques based on the conceptual vision.2.6 Plan work, identifying work processes and resource requirements. |
| 3 Realise wood objects. | <ul style="list-style-type: none">3.1 Organise the resources required for the production of the proposed wood objects based on the plan of work.3.2 Safely use and adapt techniques, tools, equipment and materials appropriately to realise the conceptual vision.3.3 Identify potential different approaches that may enhance the final work and incorporate these into the work process. |

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills:

- literacy skills sufficient to read product safety labels and equipment instructions
- numeracy skills sufficient to calculate material quantities and cost.

Required knowledge:

- physical properties and capabilities of the range of materials, tools and equipment used in the production of wood objects
- work space requirements for the production of wood objects, including ways of organising and maintaining space
- ways of exploring, adapting and combining techniques and materials to achieve different effects in wood objects
- general knowledge of the formal elements and principles of design and their specific application to wood objects
- cleaning and maintenance techniques for tools and equipment used in the production of wood objects
- general knowledge of the historical and theoretical contexts for wood objects
- awareness of copyright, moral rights and intellectual property issues
- environmental issues associated with the tools and materials used in the production of wood objects
- organisational and legislative occupational health and safety procedures in relation to the production of wood objects.

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.

Critical aspects for

The following evidence is critical to the judgement of

EVIDENCE GUIDE

assessment and evidence required to demonstrate competency in this unit in this unit

competence in this unit:

- production of wood objects which demonstrate a command of selected techniques and which are consistent with the conceptual vision
- knowledge of materials and tools and how they are used and extended in the production of wood objects.

Context of and specific resources for assessment

The assessment context must provide for:

- evaluation of visual language and technical execution of work pieces produced by the candidate
- practical demonstration of skills using required tools, equipment and materials to produce multiple wood objects or a single major work.

Method of assessment

Assessment may incorporate a range of methods to assess performance and the application of essential underpinning knowledge, and might include:

- direct observation of the production of wood objects in progress
- questioning and discussion of the candidate's intentions and work outcome
- verbal and written reports
- review of portfolios of evidence
- third party workplace reports of performance by the candidate.

Assessment methods should closely reflect workplace demands (e.g. literacy) and the needs of particular groups (e.g. people with disabilities, and people who may have literacy or numeracy difficulties such as speakers of languages other than English, remote communities and those with interrupted schooling).

Assessment of this unit requires access to the materials, resources and equipment needed to produce wood objects.

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.

Tools and ***equipment*** may include:

- clamps
- measuring tools
- power and hand tools for carving/marketing and/or cutting wood and other materials including wood engraving and branding tools
- power and/or hand tools for shaping wood and other materials
- protective clothing
- tools for assembling wood and other materials
- wood turning tools and equipment.

Materials may include:

- found objects and materials
- other materials consistent with the conceptual vision, e.g. metals, leather, stone
- oxidising agents and other patina agents
- those for wood finishing e.g. sandpapers, stains, lacquers, paints
- those required for assembling/joining wood and other materials, e.g. for binding: wire, rope, string thread, other fibres; other materials: nails, clips, brackets, screws
- wood and wood products.

RANGE STATEMENT

- Wood objects** may include:
- carved panels, e.g. low or high relief, carved vessels
 - furniture, e.g. tables, lamps, chairs
 - implements, e.g. letter openers, cutlery
 - jewellery
 - sculpture
 - simple musical instruments
 - turned tableware
 - other functional items, e.g. walking sticks, boxes, trays, clocks.
- Workplace procedures** may relate to:
- cost control
 - process-specific procedures
 - recycling
 - reporting
 - safety
 - use of materials.
- Safety requirements** would be in accordance with:
- Federal, State and Territory legislation, regulations and standards.
- Organisation and maintenance** of the work space may relate to:
- dust extraction
 - lighting
 - process-specific procedures
 - ventilation.
- Assessing the capabilities of the techniques**, tools and materials may involve:
- experimenting directly with work in progress
 - producing test pieces or samples
 - systematically testing a range of processes.
- Extending capabilities** of techniques refers to:
- exploring the potential of techniques and discovering new ways of using techniques.

RANGE STATEMENT

The **conceptual vision** may be determined by:

- elements and principles of design
- the relationship of the work to a theoretical and historical context
- the subject matter or theme for the wood objects, e.g. the body; identity; land and place; political, cultural, social issues; spiritual concerns.

Criteria for the selection of techniques may relate to:

- access to materials, tools and equipment for the techniques
- consistency with the conceptual vision for the proposed wood objects
- ease of application of the techniques
- personal affinity with the techniques.

Within this unit the candidate would generally extend, build upon and combine a range of **techniques** which may include:

- assemblage
- carving
- combining with other materials synthetic and/or natural
- jig making
- laminating of timber and timber products
- making mock-ups and prototyping
- model making
- steam bending of timber
- timber preparation
- wood finishing
- wood turning
- wooden tool modification and/or making.

Planning the work may involve:

- computer generated design
- diagrammatical representation
- drawing freehand
- full scale mock ups
- model making
- prototypes drawing directly onto wood.

Unit Sector(s)

Not Applicable