



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **CUV40311 Certificate IV in Design**

**Release: 1**

## CUV40311 Certificate IV in Design

### Modification History

Version	Comments
CUV40311	This version first released with <i>CUV11 Visual Arts, Craft and Design Training Package version 1.0</i>

### Description

This qualification provides a pathway to a career in design. There are limited job outcomes at this level, though in areas such as graphic and digital design there may be some employment opportunities as a junior design assistant.

### Pathways Information

#### Pathways into the qualification

It is recommended that people entering this qualification either possess CUV30311 Certificate III in Design Fundamentals or possess some creative and design skills.

#### Pathways from the qualification

This qualification prepares people for work in some limited junior design roles and for learning at higher levels across a broad range of design disciplines.

### Licensing/Regulatory Information

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

### Entry Requirements

There are no entry requirements for this qualification.

## Employability Skills Summary

The following table contains a summary of the employability skills as identified by the visual arts, craft and design industries for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

Employability skill	Industry/enterprise requirements for this qualification
Communication	<ul style="list-style-type: none"> <li>• passing on key safety information to colleagues</li> <li>• presenting ideas to others</li> <li>• interpreting design briefs</li> <li>• liaising with other on design requirements</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• discussing ideas, industry developments and work issues with others</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• identifying safety issues and reporting them to appropriate person</li> <li>• refining ideas to incorporate feedback from others</li> <li>• responding to technical and conceptual problems in design work</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• developing different solutions to a design challenge</li> <li>• producing a range of samples in response to a brief or conceptual vision</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• collecting and analysing information to develop concepts and ideas</li> <li>• organising the presentation of a concept to others</li> <li>• organising work tasks to ensure safety</li> <li>• identifying techniques and processes required to produce digital images and graphic art work</li> <li>• sourcing and analysing information to inform design practice</li> <li>• organising resources, taking into account cost and other constraints</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• maintaining personal safety standards</li> <li>• challenging one's own ideas and approaches</li> <li>• career planning</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• evaluating information gained from research and integrating ideas into the development of own work</li> <li>• using practice, feedback and evaluation opportunities to continuously improve skills and knowledge</li> <li>• improving skills through experimentation with materials and processes</li> <li>• keeping up-to-date with industry developments</li> </ul>

<b>Employability skill</b>	<b>Industry/enterprise requirements for this qualification</b>
Technology	<ul style="list-style-type: none"><li>• using the internet for research</li><li>• using tools and technologies relevant to the given area of design</li></ul>

## Packaging Rules

**Total number of units = 15**

**7 core units *plus***

**8 elective units**

The elective units consist of:

- 5 from the list of elective units below
- of the remaining 3 units:
  - up to 3 may be from the list of elective units below
  - up to 3 may be from Certificate II or above in any currently endorsed Training Package
  - up to 2 may be from an accredited course at Certificate III, IV or Diploma.

The elective units chosen must be relevant to the work outcome and meet local industry needs.

### Core units

BSBCRT301A Develop and extend critical and creative thinking skills

BSBDES305A Source and apply information on the history and theory of design

BSBDES401A Generate design solutions

BSBDES402A Interpret and respond to a design brief

BSBOHS201A Participate in OHS processes

CUVACD401A Integrate colour theory and design processes

CUVPRP401A Realise a creative project

### Elective units

#### Art, craft and design

CUVACD301A Produce drawings to communicate ideas

CUVACD302A Produce computer-aided drawings

CUVACD303A Produce technical drawings

CUVACD304A Make scale models

CUVACD402A Experiment with moulding and casting techniques

CUVACD502A Create observational drawings

CUVACD508A Refine model making skills

CUVDRA401A Experiment with techniques to produce drawings

#### Copyright and IP

BSBIPR401A Use and respect copyright

CUFCMP301A Implement copyright arrangements

#### Customer service

BSBCUS402A Address customer needs

#### Design process

BSBCRT401A Articulate, present and debate ideas

BSBCRT402A Collaborate in a creative process

BSBCRT403A Explore the history and social impact of creativity

BSBDES301A Explore the use of colour

BSBDES302A Explore and apply the creative design process to 2D forms

BSBDES303A Explore and apply the creative design process to 3D forms

BSBDES304A Source and apply design industry knowledge

BSBDES403A Develop and extend design skills and practice

### **Digital media**

CUFDIG301A Prepare video assets

CUFDIG302A Author interactive sequences

CUFDIG304A Create visual design components

CUFDIG401A Author interactive media

CUFDIG402A Design user interfaces

CUFDIG403A Create user interfaces

CUFDIG404A Apply scripting language in authoring

CUVDIG401A Experiment with techniques to enhance digital images

### **Graphic design**

CUVGRD301A Prepare files for publication

CUVGRD302A Use typography techniques

CUVGRD401A Research and apply graphic design techniques

### **Fashion design**

CUVDES403A Research and apply techniques for the design of wearable objects

LMTFD4001B Apply design studio process

LMTFD4002B\* Apply principles of colour theory to fashion design development

LMTFD4003B Assist in preparation of preliminary design concepts

LMTFD4005B Communicate and sell design concepts

LMTFD4006B Interact and network with fashion industry participants

LMTFD4007B Conduct quality assurance for garments

LMTFD4008B Construct stock size block for garment to meet size and fit specifications

LMTFD4011B Cut fabrics for prototype designs

LMTFD4014B Identify contemporary fashion influences and construction techniques

LMTFD4016B Sew design prototypes

LMTFD4017B Source materials and resources for production of fashion design

LMTFD4020B Use electronic fashion design tools

### **Furniture design**

LMFFDT4001A Apply finishing techniques to custom furniture

LMFFDT4002A Assemble custom furniture

LMFFDT4003A Assess and record the lifecycle of a product

LMFFDT4004A Assess environmental impact of a design

LMFFDT4005A Construct and evaluate furniture prototypes and samples

LMFFDT4006A Establish and maintain a safe furniture making work environment

LMFFDT4007A Establish the design brief

LMFFDT4008A Determine occupational health and safety implications of designs

LMFFDT4009A Prepare and present furniture design information

LMFFDT4010A Produce and evaluate developmental furniture models to scale

LMFFDT4011A Set up, operate and maintain basic static woodworking machines for furniture designs

LMFFDT4012A Produce ideation drawings

LMFFDT4013A Research and select furniture finishes

LMFFDT4014A Research and select furniture materials and technology

LMFFDT4015A Research furniture styles and movements

LMFFDT4016A Select, use and maintain hand tools for the creation of custom furniture

**Information technology**

BSBEBU401A Review and maintain a website  
BSBITU401A Design and develop complex text documents  
BSBITU404A Produce complex desktop published documents  
ICAICT308A Use advanced features of computer applications  
ICAWEB302A Build simple websites using commercial programs  
ICAWEB403A Transfer content to a website using commercial packages  
SITXICT001A Build and launch a website for a small business

**Interior space**

LMFID3002A Source and specify decoration products  
LMFID4001A Research, analyse and apply colour for interior spaces  
LMFID4002A Decorate residential interiors  
LMFID4003A Prepare a materials board for client presentation  
LMFID4004A Research and recommend furniture and accessories  
LMFID4005A Research and recommend soft furnishings for interiors  
LMFID4006A Research and recommend hard materials and finishes for interiors  
LMFID4007A Identify materials, construction techniques and methods used in building interiors  
LMFKB3001A Identify processes in kitchen and bathroom projects  
LMFKB3008A Identify cabinet construction and installation methods  
LMFKB4003A Identify and document services required to support kitchen and bathroom designs  
LMFKB4006A Prepare quotation and contract documentation for design project  
LMFKB4007A Design ancillary residential cabinetry

**Jewellery design**

MEM05006B Perform brazing and/or silver soldering  
MEM05050B Perform routine gas metal arc welding  
MEM05051A Select welding processes  
MEM06001B\* Perform hand forging  
MEM06007B Perform basic incidental heat/quenching, tempering and annealing  
MEM08006B\* Produce clear and/or coloured and/or sealed anodised films on aluminium  
MEM08010B\* Manually finish/polish materials  
MEM08011B\* Prepare surfaces using solvents and/or mechanical means  
MEM12023A Perform engineering measurements  
MEM13004B Work safely with molten metals/glass  
MEM18003C\* Use tools for precision work  
MEM19001B\* Perform jewellery metal casting  
MEM19002B\* Prepare jewellery illustrations  
MEM19007B\* Perform gemstone setting  
MEM19009B\* Perform investment procedures for lost wax casting process  
MEM19010B Produce rubber moulds for lost wax casting process  
MEM19011B Perform wax injection of moulds for lost wax casting process  
MEM19012B\* Produce jewellery wax model  
MEM19013B\* Produce jewellery metal masters  
MEM19028A Select materials and new technologies for jewellery and 3D object design applications  
MEM19033A Create silversmithing objects  
MEM19035A Plan and apply casting techniques for jewellery and object designs

MEM19036A Use specialised techniques to produce jewellery and objects  
 MEM19038A Apply traditional techniques to jewellery and 3D object production

**Industry capability**

CUFIND401A Provide services on a freelance basis

**Professional practice**

CUAIND401A Extend expertise in specialist field

**Illustration**

CUVILL401A Research and apply techniques for illustrative work

**Photo imaging**

CUVPHI303A Process photo images to work-print and file stage

CUVPHI401A Capture images in response to a brief

CUVPHI403A Apply photo imaging lighting techniques

CUVPHI404A Enhance, manipulate and output photo images

**Pre-press**

ICPPP324C\* Create pages using a page layout application

ICPPP325C Create graphics using a graphics application

ICPPP421C\* Compose and evaluate typography

ICPPP422C Digitise complex images for reproduction

ICPPP430C Manage colour

**Product design**

CUVDES404A Research and apply techniques in product design

**Spatial design**

CUVDES405A Research and apply techniques in spatial design

**Visual communication**

CUFANM303A Create 3D digital models

**Writing**

BSBWRT401A Write complex documents

CUFWRT301A Write content for a range of media

**\*Note the following prerequisite unit requirement.**

Unit code and title	Prerequisite unit required
ICPPP324C Create pages using a page layout application	ICPPP224C Produce pages using a page layout application
ICPPP421C Compose and evaluate typography	ICPPP221C Select and apply type
LMTFD4002B Apply principles of colour theory to fashion design development	LMTCL2003B Identify fibres and fabrics LMTFD2005B Identify design process for fashion designs
MEM06001B Perform hand forging	MEM18001C Use hand tools
MEM08006B Produce clear and/or coloured and/or sealed anodised films on aluminium	MEM08002C Pre-treat work for subsequent surface coating



MEM08010B Manually finish/polish materials	MEM18001C Use hand tools
MEM08011B Prepare surfaces using solvents and/or mechanical means	MEM13003B Work safely with industrial chemicals and materials MEM18001C Use hand tools MEM18002B Use power tools/hand held operations
MEM18003C Use tools for precision work	MEM12023A Perform engineering measurements MEM18001C Use hand tools MEM18002B Use power tools/hand held operations
MEM19001B Perform jewellery metal casting	MEM13004B Work safely with molten metals/glass
MEM19002B Prepare jewellery illustrations	MEM16006A Organise and communicate information
MEM19007B Perform gemstone setting	MEM12023A Perform engineering measurements MEM18001C Use hand tools MEM18002B Use power tools/hand held operations MEM18003C Use tools for precision work (Prerequisites: MEM12023A Perform engineering measurements, MEM18001C Use hand tools and MEM18002B Use power tools/hand held operations) MEM19003B Handle gem materials – equivalent to CUVOPA202A Handle and store rough and cut opal
MEM19009B Perform investment procedures for lost wax casting process	MEM12024A Perform computations MEM13003B Work safely with industrial chemicals and materials MEM18001C Use hand tools
MEM19012B Produce jewellery wax model	MEM18001C Use hand tools MEM18002B Use power tools/hand held operations

	MEM18003C Use tools for precision work (Prerequisites: MEM12023A Perform engineering measurements, MEM18001C Use hand tools and MEM18002B Use power tools/hand held operations)
MEM19013B Produce jewellery metal masters	MEM08010B Manually finish/polish materials (Prerequisite: MEM18001C Use hand tools) MEM13004B Work safely with molten metals/glass MEM16006A Organise and communicate information MEM19001B Perform jewellery metal casting (Prerequisite: MEM13004B Work safely with molten metals/glass)

### Selecting electives for different outcomes

The following examples are designed to assist in the selection of appropriate electives for particular outcomes at this level, but are in no way prescriptive.

### Graphic design specialisation

Core units plus:

- BSBDES301A Explore the use of colour
- BSBIPR401A Use and respect copyright
- CUVGRD301A Prepare files for publication
- CUVGRD302A Use typography techniques
- CUVGRD401A Research and apply graphic design techniques
- CUVPHI302A Capture photographic images
- ICPPP324C Create pages using a page layout application
- ICPPP325C Create graphics using a graphics application

### Furniture design specialisation

Core units plus:

- LMFFDT4001A Apply finishing techniques to custom furniture
- LMFFDT4002A Assemble custom furniture
- LMFFDT4007A Establish the design brief
- LMFFDT4008A Determine occupational health and safety implications of designs
- LMFFDT4010A Produce and evaluate developmental furniture models to scale
- LMFFDT4011A Set up, operate and maintain basic static woodworking machines for furniture designs
- LMFFDT4014A Research and select furniture materials and technology
- LMFFDT4016A Select, use and maintain hand tools for the creation of custom furniture