CUV40311 Certificate IV in Design

Modification History

<table>
<thead>
<tr>
<th>Version</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUV40311</td>
<td>This version first released with <em>CUV11 Visual Arts, Craft and Design Training Package version 1.0</em></td>
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</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Employability skill</th>
<th>Industry/enterprise requirements for this qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>• passing on key safety information to colleagues</td>
</tr>
<tr>
<td></td>
<td>• presenting ideas to others</td>
</tr>
<tr>
<td></td>
<td>• interpreting design briefs</td>
</tr>
<tr>
<td></td>
<td>• liaising with others on design requirements</td>
</tr>
<tr>
<td>Teamwork</td>
<td>• discussing ideas, industry developments and work issues with others</td>
</tr>
<tr>
<td>Problem-solving</td>
<td>• identifying safety issues and reporting them to appropriate person</td>
</tr>
<tr>
<td></td>
<td>• refining ideas to incorporate feedback from others</td>
</tr>
<tr>
<td></td>
<td>• responding to technical and conceptual problems in design work</td>
</tr>
<tr>
<td>Initiative and enterprise</td>
<td>• developing different solutions to a design challenge</td>
</tr>
<tr>
<td></td>
<td>• producing a range of samples in response to a brief or conceptual vision</td>
</tr>
<tr>
<td>Planning and organising</td>
<td>• collecting and analysing information to develop concepts and ideas</td>
</tr>
<tr>
<td></td>
<td>• organising the presentation of a concept to others</td>
</tr>
<tr>
<td></td>
<td>• organising work tasks to ensure safety</td>
</tr>
<tr>
<td></td>
<td>• identifying techniques and processes required to produce digital images and graphic art work</td>
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<tr>
<td></td>
<td>• sourcing and analysing information to inform design practice</td>
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<tr>
<td></td>
<td>• organising resources, taking into account cost and other constraints</td>
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<tr>
<td>Self-management</td>
<td>• maintaining personal safety standards</td>
</tr>
<tr>
<td></td>
<td>• challenging one’s own ideas and approaches</td>
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<tr>
<td></td>
<td>• career planning</td>
</tr>
<tr>
<td>Learning</td>
<td>• evaluating information gained from research and integrating ideas into the development of own work</td>
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<tr>
<td></td>
<td>• using practice, feedback and evaluation opportunities to continuously improve skills and knowledge</td>
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<tr>
<td></td>
<td>• improving skills through experimentation with materials and processes</td>
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<td></td>
<td>• keeping up-to-date with industry developments</td>
</tr>
<tr>
<td>Employability skill</td>
<td>Industry/enterprise requirements for this qualification</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td>Technology</td>
<td>• using the internet for research</td>
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<tr>
<td></td>
<td>• using tools and technologies relevant to the given area of design</td>
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</tbody>
</table>
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.*

<table>
<thead>
<tr>
<th>Unit code and title</th>
<th>Prerequisite unit required</th>
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</thead>
<tbody>
<tr>
<td>ICPPP324C Create pages using a page layout application</td>
<td>ICPPP224C Produce pages using a page layout application</td>
</tr>
<tr>
<td>ICPPP421C Compose and evaluate typography</td>
<td>ICPPP221C Select and apply type</td>
</tr>
<tr>
<td>LMTFD4002B Apply principles of colour theory to fashion design development</td>
<td>LMTCL2003B Identify fibres and fabrics</td>
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<td></td>
<td>LMTFD2005B Identify design process for fashion designs</td>
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<tr>
<td>MEM06001B Perform hand forging</td>
<td>MEM18001C Use hand tools</td>
</tr>
<tr>
<td>MEM08006B Produce clear and/or coloured and/or sealed anodised films on aluminium</td>
<td>MEM08002C Pre-treat work for subsequent surface coating</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Description</td>
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<tr>
<td>MEM08010B</td>
<td>Manually finish/polish materials</td>
</tr>
<tr>
<td>MEM08011B</td>
<td>Prepare surfaces using solvents and/or mechanical means</td>
</tr>
<tr>
<td>MEM18003C</td>
<td>Use tools for precision work</td>
</tr>
<tr>
<td>MEM19001B</td>
<td>Perform jewellery metal casting</td>
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<tr>
<td>MEM19002B</td>
<td>Prepare jewellery illustrations</td>
</tr>
<tr>
<td>MEM19007B</td>
<td>Perform gemstone setting</td>
</tr>
<tr>
<td>MEM19009B</td>
<td>Perform investment procedures for lost wax casting process</td>
</tr>
<tr>
<td>MEM19012B</td>
<td>Produce jewellery wax model</td>
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</tbody>
</table>
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
- CUVPHE302A 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