



Australian Government

MEM50322 Diploma of Jewellery and Object Design

Release 1

MEM50322 Diploma of Jewellery and Object Design

Modification History

Release 1. Supersedes and is equivalent to MEM50311 Diploma of Jewellery and Object Design.

Qualification Description

This qualification defines the skills and knowledge required to apply design processes and technical production skills to the design and manufacture of custom-made jewellery and objects. It is typically used to develop skills and knowledge in jewellery enterprises. Skills gained from the qualification may be applied to specialist jewellery and object design briefs, including heritage jewellery, theatre and film commissions, exhibitions and churchware, as well one-off individual client briefs.

Assessment of some units of competency must, where indicated, include evidence of the candidate's performance in a functioning workplace where there is a sufficient range of appropriate tasks and materials to cover the scope of application of those units. All outcomes must reflect the standard of performance inherent in the job.

In some jurisdictions, units in this qualification may relate to licensing or regulatory requirements. Licensing and regulatory information is included in the relevant units of competency.

No licensing, legislative or certification requirements apply to this qualification at the time of publication. Local regulations should be checked.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

The requirement for achievement of the MEM50322 Diploma of Jewellery and Object Design is the achievement of competence in twenty-six (26) units of competency made up of:

- completion of all six (6) core units of competency listed below and
- selection of twenty (20) elective units of competency as follows:
 - a minimum of three (3) units of competency from Group A electives listed below and
 - a minimum of three (3) units of competency from Group B electives listed below and
 - a minimum of three (3) units of competency from Group C electives listed below and
 - a maximum of three (3) units from Group D electives listed below
- a maximum of four (4) elective units, suitable for occupational outcomes in a jewellery and object design environment which do not duplicate skills and knowledge already available in units within this qualification, may be chosen from this Training Package, other endorsed Training Packages and accredited courses where those units are available in a Diploma or Certificate IV qualification.

Prerequisites

Prerequisite units count towards the total number of units. Units with prerequisite requirements are marked with an asterisk (refer to the individual units for details). All prerequisites are included in the qualification.

Core units of competency

Unit code	Unit title	Prereq
MEM13015	Work safely and effectively in manufacturing and engineering	
MEM19023	Apply drawing and rendering techniques to jewellery or object design	*
MEM19026	Investigate quality and application of jewellery materials	*
CUAPPR511	Realise a body of creative work	
CUARES503	Analyse cultural history and theory	
MSMENV272	Participate in environmentally sustainable work practices	

Elective units of competency

Group A: Specialist jewellery and object creative and design

Unit code	Unit title	Prereq
MEM19024	Use computer-aided design (CAD) to create and display 3D jewellery or object models	*
MEM19025	Create and present designs for jewellery or other 3D objects	*
MEM19027	Produce life drawings for presenting jewellery or object designs	*
MEM19028	Select materials and new technologies for jewellery or 3D object design applications	*
MEM19029	Produce a professional jewellery design or 3D object portfolio	*
MEM19030	Research and recommend sustainable design improvements	*
MEM19031	Produce renderings and technical drawings for jewellery or object design construction	*

Group B: Design process and drawing

Unit code	Unit title	Prereq
BSBCRT512	Originate and develop concepts	
CUADES412	Interpret and respond to a design brief	
CUADES512	Establish, negotiate and refine a design brief	
CUAACD534	Research and apply light and colour	
CUAACD536	Refine 2-D design ideas and processes	
CUAACD537	Refine 3-D design ideas and processes	
CUADRA501	Refine drawing techniques	
CUADRA502	Investigate drawing materials and processes	
CUAPPR513	Present a body of own creative work	
MEM09002	Interpret technical drawing	*
MEM30031	Operate computer-aided design (CAD) system to produce basic drawing elements	
MSFFDM4014	Produce manual and computer-aided drawings from design concepts	

Group C: Jewellery and object production

Unit code	Unit title	Prereq
MEM05006	Perform brazing and/or silver soldering	*
MEM06007	Perform basic incidental heat/quenching, tempering and annealing	*
MEM08010	Manually finish/polish materials	*
MEM11011	Undertake manual handling	*
MEM12023	Perform engineering measurements	*
MEM12024	Perform computations	*
MEM13003	Work safely with industrial chemicals and materials	*
MEM13004	Work safely with molten metals/glass	*

Unit code	Unit title	Prereq
MEM18001	Use hand tools	*
MEM18002	Use power tools/hand held operations	*
MEM18003	Use tools for precision work	*
MEM19001	Perform jewellery metal casting	*
MEM19012	Produce jewellery wax model	*
MEM19013	Produce jewellery metal masters	*
MEM19032	Design and implement mechanisms in jewellery items	*
MEM19033	Create silversmithing objects	*
MEM19034	Apply chain manufacture process	*
MEM19035	Plan and apply casting techniques for jewellery or object designs	*
MEM19036	Use specialised techniques to produce jewellery or objects	*
MEM19037	Plan and implement chenier fabrication process	*
MEM22015	Source and estimate engineering materials requirements	*
CUAACD314	Make scale models	
CUADES421	Research and apply techniques for the design of wearable objects	
CUAJWL401	Experiment with techniques to produce jewellery	

Group D: General elective units of competency

Unit code	Unit title	Prereq
Digital context and imaging		
MEM16008	Interact with computing technology	*
MEM19042	Render images using computer graphics software	*
CUAACD522	Work with photomedia in creative practice	
CUADIG415	Produce innovative digital images	

Unit code	Unit title	Prereq
CUADIG518	Refine digital art techniques	
CUAGR311	Prepare files for print	
CUAPHI312	Capture photographic images	
CUAPHI403	Enhance, manipulate and output photo images	
Communication		
MEM16006	Organise and communicate information	*
BSBCMM411	Make presentations	
BSBCRT412	Articulate, present and debate ideas	
BSBCRT413	Collaborate in creative processes	
CUAPPR415	Develop and discuss ideas for own creative work	
Professional practice and management/industry context		
BSBESB404	Market new business ventures	
BSBESB406	Establish operational strategies and procedures for new business ventures	
BSBESB407	Manage finances for new business ventures	
BSBLEG525	Apply legal principles in intellectual property law matters	
BSBPMG430	Undertake project work	
CUAIND211	Develop and apply creative arts industry knowledge	
CUAPPR403	Store and maintain finished creative work	
CUAPPR512	Develop sustainability of own professional practice	
CUARES412	Conduct research	
MSMENV472	Implement and monitor environmentally sustainable work practices	
SIRXSLS001	Sell to the retail customer	

Qualification Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>