



Australian Government

MEM60222 Advanced Diploma of Jewellery and Object Design

Release 1

MEM60222 Advanced Diploma of Jewellery and Object Design

Modification History

Release 1. Supersedes and is equivalent to MEM60211 Advanced Diploma of Jewellery and Object Design.

Qualification Description

This qualification defines the skills and knowledge required to develop jewellery and object design solutions that require a wide range of specialised technical and creative skills. Design solutions reflect consideration of aesthetics, function, production techniques, material characteristics, and marketability of jewellery and objects. It is typically used to develop skills and knowledge in jewellery and object design 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 MEM60222 Advanced Diploma of Jewellery and Object Design is the achievement of competence in thirty-six (36) units of competency made up of:

- completion of all core units of competency listed below and
- completion of fourteen (14) elective units of competency selected as follows:
 - five (5) units of competency from Group A electives listed below and
 - three (3) units of competency from Group B electives listed below and
 - three (3) units of competency from Group C electives listed below and
 - three (3) units of competency from Group D electives listed below and
- the thirteen (13) remaining elective units can be selected as follows, to bring the total number of elective units to twenty-seven (27):

- Group A, B, C or D electives not previously selected
- a maximum of five (5) units from Group E
- a maximum of six (6) 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 an Advanced Diploma, Diploma (maximum 4 units) or Certificate IV (maximum 4 units) 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	*
MEM19040	Create and manufacture jewellery or object design prototypes for the mass market	*
MEM19041	Experiment with jewellery or object designs	*
CUADES512	Establish, negotiate and refine a design brief	
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 Advanced Diploma jewellery and object design

Select a minimum of five (5) units from Group A

Unit code	Unit title	Prereq
MEM19038	Apply traditional techniques to jewellery or 3D object production	*

Unit code	Unit title	Prereq
MEM19039	Plan, conduct and supervise a jewellery or object exhibition or program	*
MEM19043	Oversee jewellery or object design production	*
BSBCRT611	Apply critical thinking for complex problem solving	
CUADES611	Manage design realisation	
CUADES612	Research global design trends	
CUADES801	Research and apply design theory	
CUAACD611	Extend professional expertise with drawing and other visual representation tools	
CUAPPR611	Originate a body of independent creative work	
CUAPPR612	Collaborate in professional creative projects	
CUAPPR613	Engage in the business of creative practice	
CUAPPR614	Publicly present a body of own creative work	
CUARES612	Extend cultural research expertise	

Group B: Specialist jewellery and object creative and design

Select a minimum of three (3) units from Group B

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	*

Unit code	Unit title	Prereq
	design construction	

Group C: Design process and drawing

Select a minimum of three (3) units from Group C

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

Group D: Jewellery and object production

Select a minimum of three (3) units from Group D

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	*
MEM09002	Interpret technical drawing	*
MEM11011	Undertake manual handling	*
MEM12023	Perform engineering measurements	*

Unit code	Unit title	Prereq
MEM12024	Perform computations	*
MEM13003	Work safely with industrial chemicals and materials	*
MEM13004	Work safely with molten metals/glass	*
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 chain 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 E: General elective units of competency

Select a maximum of five (5) units from Group E

Unit code	Unit title	Prereq
Digital context and imaging		
MEM16008	Interact with computing technology	*

Unit code	Unit title	Prereq
MEM19042	Render images using computer graphics software	*
CUAACD522	Work with photomedia in creative practice	
CUADIG415	Produce innovative digital images	
CUADIG518	Refine digital art techniques	
CUAGR311	Prepare files for publication	
CUAPHI312	Capture photographic images	
CUAPHI412	Apply photo imaging lighting techniques	
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	

Unit code	Unit title	Prereq
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>