



Australian Government

Department of Education, Employment and Workplace Relations

LMF50308 Diploma of Stained Glass and Lead Lighting

Revision Number: 1

LMF50308 Diploma of Stained Glass and Lead Lighting

Modification History

Not applicable.

Description

This qualification describes the skills and knowledge required to perform advanced design manufacture, repair and installation of stained glass and lead lighting including heritage conservation.

Job roles/employment outcomes

The LMF50308 Diploma of Stained Glass and Lead Lighting reflects vocational outcomes for those performing design and manufacture of stained glass and lead lighting job roles including heritage conservation. Work involves self-directed application of knowledge and skills, with substantial depth in some areas where judgement is required in planning and selecting appropriate equipment, services and techniques for self and others.

Application

This qualification is typically used to develop advanced skills and knowledge in stained glass and lead lighting design and heritage conservation plus initiation of alternative approaches to skills or knowledge application across a broad range of technical and/or management requirements, evaluation and co-ordination. Work would involve participation in development of strategic initiatives, as well as personal responsibility and autonomy in performing complex technical operations or organising others. It may include participation in teams, including teams concerned with planning and evaluation functions and could involve group or team coordination.

Pathways into the qualification

This qualification may be accessed by direct entry. Credit can be granted towards this qualification by those who have completed LMF30602 Certificate III in Glass and Glazing with relevant units included in this qualification or achieved equivalent industry experience.

Pathways from the qualification

Further training pathways from this qualification may include Furnishing Advanced Diploma and relevant management or competitive manufacturing qualifications.

Licensing considerations

There are no specific licences that relate to this qualification. However, depending on the jurisdiction, licensing or regulatory requirements may apply to the use of some units in this qualification. Local regulations should be checked for details.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> organise and understand information related to work orders, plans and safety procedures organise and understand detailed technical information related to the materials and the products used in and related to stained glass and lead lighting communicate ideas and information to enable confirmation of work requirements and specifications, coordination of work with other workers and customers, and the reporting of work outcomes and problems maintain records related to product and materials quality
Teamwork	<ul style="list-style-type: none"> work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity
Problem-solving	<ul style="list-style-type: none"> use pre-checking and inspection techniques to ensure the tools are serviceable and ready to use use checking and inspection techniques to ensure instruments comply with specifications and that instances of non-compliance are remedied identify, anticipate and respond to faults in glass or other materials identify, anticipate and respond to the problems related to glass and other material properties identify and analyse faults in stained glass and lead lighting select and apply the most appropriate stained glass and lead lighting maintenance and repair techniques identify, anticipate and respond to the impact of the material properties on the product
Initiative and enterprise	<ul style="list-style-type: none"> recognise and respond to circumstances outside instructions or personal competence
Planning and organising	<ul style="list-style-type: none"> plan and organise activities including the preparation and layout of own worksite and the obtaining and use of tools and materials to avoid any backtracking, work flow interruptions or wastage during the production cycle use mathematical ideas and techniques to correctly complete measurements, calculate area and volume, and estimate other material requirements
Self-management	<ul style="list-style-type: none"> clarify and confirm specified work instructions

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	<ul style="list-style-type: none"> • plan work within task parameters • apply systematic and effective time management • accept responsibility for tasks • set, monitor and satisfy personal work goals
Learning	<ul style="list-style-type: none"> • satisfy the competency requirements for the job • maintain current knowledge of stained glass and lead lighting tools and production materials • maintain current knowledge of stained glass and lead lighting processes and techniques • seek learning opportunities
Technology	<ul style="list-style-type: none"> • use the workplace technology related to the selection, preparation and use of stained glass and lead lighting products and materials including hand and power tools, calculators, measuring devices and technical support systems

Packaging Rules

Packaging Rules

To be awarded the LMF50308 Diploma of Stained Glass and Lead Lighting, competency must be achieved in **twenty-five (25)** units of competency.

- **eleven (11)** core units of competency
- **fourteen (14)** elective units of competency.

Note: Where prerequisite units apply, these have been listed, and must be considered in the total number of units.

CORE UNITS

Complete all **eleven (11)** units from this list.

Unit code	Unit title	Prerequisites
HLTFA301B	Apply First Aid	
LMFGG2001B	Use glass and glazing sector hand and power tools	
LMFGG3002B	Assess glass and glazing requirements	

Unit code	Unit title	Prerequisites
LMFGG3001B	Move, store and handle glass	
LMFGG3013B	Construct and repair leadlight and stained glass panels	
LMFSL2001A	Assemble lead light and stained glass components	
LMFSL3004A	Protect stained glass and lead lighting	
LMFSL3005A	Fabricate and install residential lead light and stained glass windows and doors	
LMFSL3006A	Prepare and install architectural engineered stained glass and lead lighting	
MEM05003B	Perform soft soldering	
MSAENV272B	Participate in environmentally sustainable work practices	

ELECTIVE UNITS

Select **fourteen (14)** units from Groups A, B, C and D as specified below with a minimum of **nine (9)** units selected from Groups A, B and C

Group A

A minimum of **one (1)** unit must be selected from this list:

Unit code	Unit title	Prerequisites
LMFSL5001A	Assess conservation requirements	
LMFSL5002A	Remove heritage lead light and stained glass	
LMFSL5003A	Conserve heritage lead light and stained glass	

Unit code	Unit title	Prerequisites
LMFSL5004A	Install heritage lead light and stained glass	
LMFSL5005A	Apply innovation in contemporary lead light and stained glass	

Group B

A minimum of **four (4)** units must be selected from this list:

Unit code	Unit title	Prerequisites
CULMS010B	Contribute to the preservation of cultural material	
CUVCOR04B	Originate concept for own work and conduct critical discourse	
CUVCOR09B	Select and apply drawing techniques and media to represent and communicate the concept	
CUVDSP07B	Research and apply techniques for graphic design	
CUVDSP15B	Research and apply techniques for application to spatial design	
CUVICS04B	Originate and develop a concept	
CUVVSP02B	Research and experiment with techniques to produce calligraphy	
LMFDN4001B	Produce drawings from design concepts	
LMFDN4002B	Produce line and component	

Unit code	Unit title	Prerequisites
	production drawings	
LMFDN4003B	Produce patterns and/or templates	
LMFDN5001B	Generate and transfer complex computer-aided drawings and specifications	

Group C

A minimum of **four (4)** units must be selected from this list:

Unit code	Unit title	Prerequisites
BSBSMB401A	Establish legal and risk management requirements of small business	
BSBSMB402A	Plan small business finances	
BSBSMB403A	Market the small business	
BSBSMB404A	Undertake small business planning	
BSBSMB405A	Monitor and manage small business operations	
BSBSMB406A	Manage small business finances	
BSBSMB407A	Manage a small team	
MSAENV472B	Implement and monitor environmentally sustainable work practices	

Group D

Up to **five (5)** relevant units may be chosen from units in Groups A, B and C not already selected, or units available in this Training Package, other endorsed Training Packages and accredited courses. Those units must be aligned at Diploma level or Certificate IV level (maximum 2 units) or Advanced Diploma level (maximum 3 units).

Units selected from other Training Packages and accredited courses via Group D must be relevant to the qualification outcome and not duplicate units available within this qualification.

If Competitive Manufacturing units are chosen (identified as MSACM in the code), these should only be selected on the basis of work requirements.