



**Australian Government**

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

# **LMF40609 Certificate IV in Design of Kitchens, Bathrooms and Interior Spaces**

**Revision Number: 2**

## **LMF40609 Certificate IV in Design of Kitchens, Bathrooms and Interior Spaces**

### **Modification History**

Elective unit MSAENV472A Updated to Version B.

## Description

This qualification describes the skills and knowledge required to design kitchens, bathrooms and interior spaces to meet client requirements.

### Job roles/employment outcomes

The Certificate IV in Design of Kitchens, Bathrooms and Interior Spaces targets those designing kitchens, bathrooms and other interior spaces that typically feature built-in cabinetry and furniture. Employment outcomes include small business operators in kitchen and bathroom design or product supply, and specialist design personnel.

### Application

This qualification is typically used to develop specialist kitchen and bathroom design skills. However, units in the qualification also support the application of design skills to other interior spaces. It is suitable for those working in the kitchens and bathroom industries, or with furnishing, joinery or cabinet making skills, in order to prepare them for providing a design service in these industries.

### Pathways into the qualification

This qualification may be accessed by direct entry. Credit may be granted towards this qualification by those who have completed LMF30409 Certificate III in Cabinet Making, LMF32009 Certificate III in Kitchen and Bathrooms (Client Services), LMF31908 Certificate III in Interior Decoration (Retail Services), LMF40408 Certificate IV in Interior Decoration, or achieved equivalent industry experience, for example, in the areas of interior decoration and design, sales and marketing of kitchen or bathroom products and designs, or manufacture of cabinets and components.

### Pathways from the qualification

Further training pathways from this qualification include LMF50408 Diploma of Interior Design and Decoration.

### Licensing considerations

Depending on the state and territory where work is undertaken, licensing may relate to this qualification to enable the candidate to conduct work on-site or manage implementation of designs. At the minimum, licensing requirements will usually involve construction induction training covered by the unit CPCCOHS1001A Work safely in the construction industry. 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

#### Certificate IV in Design of Kitchens, Bathrooms and Interior Spaces

The following table contains a summary of the employability skills as identified by the kitchen and bathroom industries for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that reflect skill requirements for this level.

Employability skill	Industry/enterprise requirements for this qualification include:
<b>Communication</b>	<ul style="list-style-type: none"> <li>• Communicate effectively and efficiently with colleagues, suppliers and clients</li> <li>• Interpret correspondence, verbal and written project briefs</li> <li>• Interpret work instructions, technical and conceptual information</li> <li>• Communicate research findings and creative ideas</li> <li>• Visually communicate creative concepts and direction to colleagues, suppliers and clients</li> <li>• Use digital forms of communication - emails, digital photos and scanned document knowledge</li> <li>• Produce drawings to communicate the concept</li> <li>• Communicate verbally and in writing with contractors and suppliers on technical issues</li> <li>• Confirm a brief with client</li> <li>• Complete standard documentation</li> <li>• Undertake measurements and calculations</li> <li>• Undertake interactive workplace communication</li> <li>• Present information</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• Share or discuss decoration concepts and ideas with others</li> <li>• Work with a diverse range of cultures, trades and backgrounds</li> <li>• Liaise and work with suppliers</li> <li>• Collaborate on decoration solutions</li> <li>• Work with trades and craftspeople to achieve successful project outcomes</li> <li>• Work independently or as a team member</li> <li>• Demonstrate and encourage others in working cooperatively with people of different ages, gender, race or religion</li> </ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

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|  | <ul style="list-style-type: none"><li>• Identify role of others in the decoration process</li><li>• Undertake appropriate and effective communication with others in the design process</li></ul> |
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**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

<b>Problem solving</b>	<ul style="list-style-type: none"><li>• Interpret and resolve kitchen and bathroom design briefs</li><li>• Analyse research findings</li><li>• Develop and resolve design ideas</li><li>• Overcome and find solutions to constraints in project briefs</li><li>• Recognise and address quality issues and problems relating to design and business activities</li><li>• Solve problems in relation to the realisation of design outcomes within the client's budget</li><li>• Solve problems in relation to the realisation of design outcomes that are environmentally, economically and socially sustainable</li><li>• Assess and evaluate skills requirements of self and others to perform tasks</li><li>• Apply knowledge of fabrics and materials to solve design problems</li><li>• Assess quality of materials before using in design solutions</li></ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"><li>• Explore the potential of factors constraining or impacting on kitchen or bathroom design solutions</li><li>• Initiate a particular kitchen or bathroom design direction</li><li>• Realise kitchen or bathroom design solutions</li><li>• Explore kitchen or bathroom design options</li><li>• Manage changes to kitchen or bathroom design brief or solution</li><li>• Work autonomously with the confidence to recommend selections and review projects to continually learn and improve service</li><li>• Identify non-conformances to standards and take appropriate action</li><li>• Identify effective ways to achieve kitchen or bathroom design outcomes</li><li>• Rectify problems promptly and appropriately</li></ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"><li>• Prepare for undertaking a kitchen or bathroom design project</li><li>• Coordinate activities with other project timelines such as construction</li><li>• Organise design materials and equipment</li><li>• Make, confirm and alter client and supplier appointments and presentations according to</li></ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

	workplace schedules and personnel activities <ul style="list-style-type: none"> <li>• Prepare business correspondence, purchase orders and invoices in a timely manner</li> <li>• Prepare effective and clear specifications on time and to agreed industry standards</li> <li>• Collect, analyse and organise client information to arrange projects professionally and on time</li> </ul>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• Evaluate and monitor own work and the work of others</li> <li>• Develop individual project plans</li> <li>• Manage own time effectively</li> <li>• Establish own work schedules and take responsibility for the deliverables associated with individual projects, team ventures and client proposals</li> <li>• Manage own work</li> <li>• Monitor information in work area</li> <li>• Keep the work area clean and tidy at all times</li> <li>• Locate, interpret and apply relevant information</li> <li>• Monitor own work against quality standards</li> <li>• Understand own work activities and responsibilities</li> <li>• Manage work load priorities</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• Conduct ongoing professional research in kitchen or bathroom design knowledge</li> <li>• Maintain professional skills</li> <li>• Manage own learning and professional development activities</li> <li>• Accept and respond to feedback, and use feedback as an opportunity to improve professional knowledge and skills</li> <li>• Manage own self-directed learning to continually keep up to date with available products, services and current trends</li> <li>• Identify shortfalls in knowledge and undertake research or training to fill gaps</li> <li>• Maintain a knowledge of industry standards</li> <li>• Assess competencies in meeting job requirements</li> <li>• Ask questions to expand own knowledge</li> <li>• Experiment with ideas and review outcomes</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Observe occupational health and safety (OHS) principles when using technology</li> <li>• Research technological developments relevant to kitchen or bathroom design work</li> </ul>



**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

	<ul style="list-style-type: none"> <li>• Use computers and appropriate software to develop and realise a kitchen or bathroom design solution</li> <li>• Use information technology (IT) to organise and maintain client and business data</li> <li>• Work with technology safely and according to workplace standards</li> </ul>
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**Packaging Rules****Packaging Rules**

To be awarded the Certificate IV in Design of Kitchens, Bathrooms and Interior Spaces, competency must be achieved in **twenty (20)** units of competency, made up of:

- **thirteen (13)** core units of competency
- **seven (7)** elective units of competency

Assessment must be conducted in accordance with the Assessment Guidelines. Units must be selected according to the rules described below

**CORE UNITS**

Select all **thirteen (13)** units from this list.

BSBDES401A	Generate design solutions
CPCCOHS1001A	Work safely in the construction industry
LMFDN4001B	Produce drawings from design concepts
LMFFM3013B	Measure and draw site layout for manufactured furniture products
LMFID4001A	Research, analyse and apply colour for interior spaces
LMFID4007A	Identify building materials, construction techniques and methods used in interiors
LMFID5005A	Explore and apply creative design principles to interior space
LMFKB3001A	Identify processes in kitchen and bathroom projects

BSBDES401A	Generate design solutions
LMFKB3008A	Identify cabinet construction and installation methods
LMFKB4003A	Identify and document services required to support fitted furniture designs
LMFKB4006A	Prepare quotation and contract documentation for design project
LMFKB4007A	Design ancillary residential cabinetry
MSAENV272B	Participate in environmentally sustainable work practices

### ELECTIVE UNITS

Select **seven (7)** units of competency as below:

- a minimum of **two (2)** must be chosen from **either** Group A **OR** Group B specialisation units
- a maximum of **five (5)** may be selected from **Group A, B or C**

#### Group A - Kitchen Specialisation

LMFKB4001A	Determine spatial planning considerations for kitchen designs
LMFKB4002A	Research and recommend materials, components and finishes for kitchen designs

#### Group B - Bathroom Specialisation

LMFKB4004A	Determine spatial planning considerations for bathroom design
LMFKB4005A	Research and recommend materials, components and finishes for bathroom designs

#### Group C - General electives

LMFKB4008A	Determine layout for laundry components
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LMFKB4008A	Determine layout for laundry components
LMFKB3002A	Determine requirements for installation of cabinets
LMFKB3003A	Check and measure fit of cabinets
LMFKB3007A	Provide advice on cabinet design features
LMFFDT4004A	Assess environmental impact of a design
LMFFM3011B	Produce manual and computer-aided production drawings
LMFFT4001B	Coordinate on-site installation of furnishing products
LMFFT4007B	Sample, inspect and test products to specifications
LMFFT4008B	Interpret and use workplace information
LMFFT4009B	Match furnishing style/materials to customer requirements
LMFID4008A	Assess interior light and recommend light fittings
LMFID4009A	Research architectural styles and movements
LMFID4011A	Determine occupational health and safety implications of interior effects
BSBCRT401A	Articulate, present and debate ideas
BSBCUS402A	Address customer needs
BSBDES301A	Explore the use of colour
BSBDES305A	Source and apply information on the history and theory of design
BSBMKG413A	Promote products and services
BSBSMB403A	Market the small business
BSBSMB405A	Monitor and manage small business operations
BSBSMB406A	Manage small business finances

LMFKB4008A	Determine layout for laundry components
BSBWOR204A	Use business technology
CUVDSP15B	Research and apply techniques for application to spatial design
MEM09002B	Interpret technical drawing
MEM16006A	Organise and communicate information
MSAENV472B	Implement and monitor environmentally sustainable work practices
MSAPMSUP390A	Use structured problem solving tools
<b>Three (3)</b> relevant units may be drawn from other units in this Training Package, other endorsed Training Packages and accredited courses (which may include <b>three</b> from a Certificate IV, up to <b>one</b> from a Certificate III and one from a Diploma).	

Units selected from other Training Packages and accredited courses 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.