



Australian Government

CPP50921 Diploma of Building Design

Release 2

CPP50921 Diploma of Building Design

Modification History

Release 2 This qualification first released with CPP Property Services Training Package Release 14.0.

Numerical typographical errors corrected in Entry Requirements.

Release 1 This qualification first released with CPP Property Services Training Package Release 11.0.

Supersedes and is not equivalent to CPP50911 Diploma of Building Design. New entry requirements. Packaging rules changed with reduction in total number of units. Core requirements strengthened and electives limited to meet industry expectations of licensed building designers.

Qualification Description

This qualification reflects the role of drafters who apply their skills to diverse building design projects. Practitioners further develop their drafting expertise and design capabilities to design, draft and document plans, specifications and documentation for buildings of all classifications, as defined in the NCC, to a maximum floor area of 2,000 m², excluding those of Type A construction.

Practice at this level is underpinned by the ability to analyse and synthesise information from a range of sources to generate design solutions. Practitioners work without supervision and may specialise in residential, commercial, public or industrial projects including new buildings and renovations.

Licensing requirements apply to building design in some states or territories. For further information, check with the relevant regulatory authority.

Entry Requirements

Entry points which demonstrate a candidate's potential to undertake the CPP50921 Diploma of Building Design are:

- CPP40115 Certificate IV in Building Design Drafting, or
- CPP40121 Certificate IV in Residential Drafting, or
- 52757WA Certificate IV in Residential Building Drafting, or
- Demonstrated relevant vocational experience, skills and knowledge commensurate with the scope of work covered in the core units of CPP40121 Certificate IV in Residential Drafting.

Packaging Rules

To achieve this qualification, competency must be demonstrated in **12 units** of competency consisting of **9 core and 3 elective** units. Electives are to be chosen as follows:

- all three units from the electives listed below, or
- two units from the electives listed below, plus one unit selected from:
 - the CPP60421 Advanced Diploma of Building Design qualification, or
 - any current AQF level 5 qualification or accredited course, provided the unit contributes to a valid, industry-supported vocational outcome and do not duplicate the outcome of another unit used to achieve this qualification.

Core

BSBESB402	Establish legal and risk management requirements of new business ventures
CPCCB4015	Prepare specifications for all construction works
CPPBDN5101	Produce digital 3-D models of building designs
CPPBDN5102	Produce compliant designs for Class 1 and 10 buildings
CPPBDN5103	Produce compliant designs for Class 2-9 buildings up to two storeys
CPPBDN5104	Prepare drawings for planning and building approval for Class 2-9 buildings up to two storeys
CPPBDN5105	Evaluate construction materials and methods for Class 2-9 buildings up to two storeys
CPPBDN5106	Determine compliance requirements for Class 2-9 buildings up to two storeys
CPPBDN5107	Manage contracts for small-scale building design projects

Electives

BSBESB401	Research and develop business plans
BSBPMG426	Apply project risk management techniques
CPPBDN5108	Design timber framed buildings
CPPBDN5109	Recommend sustainability solutions for small-scale building design projects
CPPBDN5110	Inspect and assess sites to inform the design process

CPPBDN5111	Produce rendered animations of 3-D models of small-scale building designs
CPPBDN6106	Produce building information modelling for building design projects
CPCCWHS1001	Prepare to work safely in the construction industry
PUAFIR518	Conduct and record a Bushfire Attack Level (BAL) assessment

Qualification Mapping Information

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Links

The Companion Volume Implementation Guide for the CPP Property Services Training Package is available at -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>