



Australian Government

CPP40121 Certificate IV in Residential Drafting

Release 1

CPP40121 Certificate IV in Residential Drafting

Modification History

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

Supersedes and is not equivalent to CPP40115 Certificate IV in Building Design Drafting. Qualification title changed to better reflect the occupational outcome. Packaging rules changed with reduction in total number of units. Core requirements strengthened and electives limited to meet industry expectations of competent drafters.

Qualification Description

This qualification reflects the role of entry level drafters who support building designers and architects. Drafters produce drawings and documentation and use CAD software to draft and document residential Class 1 and 10 building designs under the supervision of licensed or accredited building designers or architects.

Practice at this level is underpinned by the knowledge of construction methods and materials and the application of relevant compliance, planning and building requirements for Class 1 and 10 buildings.

Class 1 and 10 building classifications are defined in the National Construction Code (NCC).

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

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in **10 units** of competency, consisting of **7 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 CPP50921 Diploma of Building Design qualification, or
 - any current AQF level 4 qualification or accredited course provided it contributes to a valid, industry-supported vocational outcome and does not duplicate the outcome of another unit used to achieve this qualification.

Core

- CPPBDN4101 Work effectively in a building design environment
- CPPBDN4102 Analyse building design drawings
- CPPBDN4103 Use CAD software to produce drawings for building design projects
- CPPBDN4104 Apply compliance requirements to Class 1 and 10 building design documentation
- CPPBDN4105 Prepare drawings for planning and building approval for Class 1 and 10 buildings
- CPPBDN4106 Investigate materials for construction of Class 1 and 10 buildings
- CPPBDN4107 Investigate construction methods for Class 1 and 10 buildings

Electives

- CPCCWHS1001 Prepare to work safely in the construction industry
- CPPBDN4108 Draw layout of required services for Class 1 and 10 buildings
- CPPBDN4109 Research architectural styles and movements
- CPPBDN4110 Set up BIM-capable software and files for building design drafting projects
- CPPBDN5101 Produce digital 3-D models of building designs
- CPPBDN5102 Produce compliant designs for Class 1 and 10 building
- CPPBDN5110 Inspect and assess sites to inform the design process

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>.