



Australian Government

CPP40115 Certificate IV in Building Design Drafting

Release 4

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Modification History

- Release 1 This version first released with CPP Property Services Training Package Release 1.0.
New qualification.
- Release 2 This version first released with CPP Property Services Training Package Release 4.1.
Imported unit CPCCWHS1001 Prepare to work safely in the construction industry supersedes and is equivalent to CPCCOHS1001A Work safely in the construction industry.
- Release 3 This version first released with CPP Property Services Training Package Release 7.0.
Imported unit CPCCWHS2001 - Apply WHS requirements, policies and procedures in the construction industry, supersedes and is equivalent to CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry.
- Release 4 This version first released with CPP Property Services Training Package Release 8.0.
Imported unit MSFID4014 Produce digital models and documentation for interior design projects supersedes and is equivalent to MSFID5014 Use CAD applications to complete models and documentation for interior design projects

Qualification Description

This qualification provides building design drafters with the competencies required to support building designers and architects. The building design drafter may work on a wide range of building design projects, including high rise commercial projects, but always under the supervision and instruction of an appropriately licensed or accredited architect or building designer.

The role of the drafter includes using building information modelling (BIM)-capable current industry standard building design software to produce drawings and documentation required by clients and stakeholders, and for the planning and building authorisation processes. It also involves researching and applying relevant information, including drawings and reports from other construction professionals and compliance requirements relevant to specific projects. The drafter also provides administrative support to the design team, including data collection and storage, and file management.

Licensing, legislative, regulatory or certification requirements

Licensing, legislative, regulatory or certification requirements apply to building design drafting in some states. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 15 units of competency:
 - 9 core units
 - 6 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

- all 6 may be chosen from the elective units listed below
- up to 2 units may be chosen from other Certificate IV or Diploma qualifications in CPP07, or another current Training Package or accredited course, provided they do not duplicate the outcome of another unit chosen for the qualification.

Core units

CPPBDN4001	Research and evaluate construction materials and methods for building design projects
CPPBDN4002	Research and apply compliance requirements to technical construction documentation
CPPBDN4003	Collect, apply and store building design project information
CPPBDN4004	Set up BIM-capable software and files for building design drafting projects
CPPBDN4005	Review and report structural integrity of building designs
CPPBDN4006	Import and transpose information from external sources into digital building design drawings
CPPBDN4007	Store and retrieve building design documentation

CPPBDN4008	Produce digital building design concept drawings
CPPBDN5017A	Produce 2-D building design drawings using CAD software

Elective units

CPCCWHS1001	Prepare to work safely in the construction industry
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPPBDN4009	Analyse building design drawings and review findings
CPPBDN4010	Prepare documentation for planning approval
CPPBDN4011	Prepare documentation for building approval
CPPBDN4012	Provide support to project building designers
CPPBDN4013	Produce construction detail drawings
CPPBDN5007A	Inspect and analyse sites and produce measured drawings for small-scale building design projects
MSFID4014	Produce digital models and documentation for interior design projects

Qualification Mapping Information

No equivalent qualification.

Links

Companion Volume implementation guides are found in VETNet -

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