CPP50116 Diploma of Surveying

Release: 2
CPP50116 Diploma of Surveying

Modification History

<table>
<thead>
<tr>
<th>Version</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Replaces superseded equivalent CPP50112 Diploma of Surveying. This version first released with CPP Property Services Training Package Version 3.</td>
</tr>
<tr>
<td>2</td>
<td>Update superseded equivalent imported elective units:</td>
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<tr>
<td></td>
<td>• AHCLPW404A to AHCLPW404</td>
</tr>
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<td>• PSPLAND308A to PSPLND002</td>
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<td>• PSPLAND302A to PSPLND001</td>
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<tr>
<td></td>
<td>This version first released with CPP Property Services Training Package 4.2.</td>
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</tbody>
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Qualification Description

This qualification reflects the role of skilled surveying technicians. These people hold advanced surveying skills, and perform duties involving the performance of precise measurements and setting out structures using specialised surveying equipment.

Licensing, legislative, regulatory or certification requirements apply in some States where cadastral and mining surveying must be undertaken under the supervision of a registered surveyor. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

This qualification is suitable for an Australian apprenticeship pathway.

Entry Requirements

There are no entry requirements for this qualification.
Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 16 units of competency:
  - 7 core units
  - 9 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 9 units may be chosen from the elective units listed below
- up to 2 units may be chosen from other Certificate IV, Diploma or Advanced Diploma qualifications in CPP, or another current Training Package or accredited course, provided they do not duplicate the outcome of another unit chosen for the qualification.

Core units

CPPSIS5031  Plan spatial data collection
CPPSIS5047  Conduct GNSS surveys
CPPSIS5048  Conduct engineering surveys
CPPSIS5053  Perform advanced surveying computations
CPPSIS5054  Perform geodetic surveying computations
CPPSIS5058  Conduct geodetic surveys
CPPSIS5065  Design basic engineering structures
Elective units

AHCLPW404  Produce maps for land management purposes
BSBPMG522  Undertake project work
CPPCMN4002  Implement and monitor environmentally sustainable work practices
CPPSIS4032  Conduct field surveying operations
CPPSIS4038  Prepare and present GIS data
CPPSIS5032  Capture new spatial data
CPPSIS5037  Maintain spatial data systems
CPPSIS5040  Interpret and collate spatial data
CPPSIS5043  Design spatial data storage systems
CPPSIS5044  Develop subdivision survey designs for local government approval
CPPSIS5046  Set out stormwater systems
CPPSIS5049  Plan and implement surveying projects
CPPSIS5051  Apply land and planning law to surveying
CPPSIS5052  Integrate surveying datasets
CPPSIS5057  Conduct precision surveys
CPPSIS5060  Develop spreadsheets for spatial data
CPPSIS5061  Locate underground services in surveying practice
CPPSIS5064  Coordinate GIS data manipulation and analysis
CPPSIS6021  Conduct open pit mine surveys
CPPSIS6022  Produce mine drawings
CPPSIS6033  Conduct underground mine surveys
PSPLND001  Investigate tenure and land use history
PSPLND002  Compile and check survey plans
Qualification Mapping Information

CPP50112 Diploma of Surveying

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b