

QUALIFICATION CODE CPP60120

QUALIFICATION TITLE Advanced Diploma of Surveying

QUALIFICATION DESCRIPTION

This qualification reflects the role of surveyors who carry out highly specialised surveying functions in areas such as mining and engineering construction. Duties involve carrying out precise measurements and control surveys relating to engineering structures and mine sites using highly specialised surveying equipment.

Surveying skills are applied in a range of industry contexts, including town planning, civil construction, mining, engineering, agriculture and defence.

Cadastral surveying must be undertaken under the supervision of a registered surveyor. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

This qualification is suitable for an Australian traineeship pathway.

ENTRY REQUIREMENTS

Entry points to undertake the CPP60120 Advanced Diploma of surveying are:

- CPP50116 Diploma of Surveying
- or
- CPP50120 Diploma of Surveying
- or
- demonstrated relevant vocational experience, skills and knowledge commensurate with the scope of work covered in the CPP50120 Diploma of Surveying.

PACKAGING RULES

To achieve this qualification, competency must be demonstrated in 9 units of competency consisting of:

- 2 core units
- 7 elective units.

Electives are to be chosen as follows:

- 7 units from the electives listed below
- or
- up to 2 of the 7 elective units may be selected from any current training package provided they contribute to a valid, industry-supported vocational outcome, maintain the integrity of the Australian Qualifications Framework (AQF) level of this qualification and do not duplicate the outcome of another unit used to achieve this qualification.

Core Units

BSBPMG536 Manage project risk

CPPSSI6032 Conduct advanced GNSS control surveys

Elective Units

Group A: Land and Engineering

CPPSSI5044	Develop subdivision survey designs
CPPSSI5046	Set out roads and stormwater systems
CPPSSI5051	Conduct identification surveys
CPPSSI5057	Conduct precision surveys
CPPSSI6035	Conduct complex engineering set-out surveys
CPPSSI6036	Monitor engineering structures
CPPSSI6037	Conduct advanced remote sensing analysis
CPPSSI6040	Develop 2-D and 3-D terrain visualisations

Group B: Mining

CPPSSI6021	Conduct open pit mine surveys
CPPSSI6022	Produce mine drawings
CPPSSI6033	Conduct underground mine surveys
CPPSSI6034	Conduct mining geology project research
CPPSSI6041	Compile mine survey plans

QUALIFICATION MAPPING INFORMATION

CPP60120 Advanced Diploma of Surveying supersedes and is equivalent to CPP60116 Advanced Diploma of Surveying.

LINKS

The Companion Volume Implementation Guide for the CPP Property Services Training Package is available at: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>.