



Australian Government

CPP60116 Advanced Diploma of Surveying

Release: 1

CPP60116 Advanced Diploma of Surveying

Modification History

Release 1.

Replaces superseded equivalent CPP60312 Advanced Diploma of Surveying.

This version first released with CPP Property Services Training Package Version 3.

Qualification Description

This qualification reflects the role of surveyors. These people 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.

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

The entry requirement to this qualification is CPP50116 Diploma of Surveying, or demonstrated equivalent competency.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 9 units of competency:
 - 4 core units
 - 5 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 5 units may be chosen from the elective units listed below
- up to 2 units may be chosen from other Diploma, Advanced Diploma, Graduate Certificate or Graduate 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

BSBR501	Manage risk
CPPSIS6032	Conduct advanced GNSS control surveys
CPPSIS6035	Conduct complex engineering set-out surveys
CPPSIS6036	Monitor engineering structures

Elective units

CPPSIS5044	Develop subdivision survey designs for local government approval
CPPSIS5046	Set out stormwater systems
CPPSIS5051	Apply land and planning law to surveying
CPPSIS5057	Conduct precision surveys
CPPSIS6021	Conduct open pit mine surveys
CPPSIS6022	Produce mine drawings
CPPSIS6025	Apply quality control measures to spatial products and services
CPPSIS6031	Design basic mines
CPPSIS6033	Conduct underground mine surveys

CPPSIS6034	Conduct mining geology operations
CPPSIS6037	Conduct advanced remote sensing analysis
CPPSIS6041	Compile mine survey plans
FNSORG501	Develop and manage a budget

Qualification Mapping Information

CPP60312 Advanced Diploma of Surveying

Links

An Implementation Guide to this Training Package is available at the CPSISC website - http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=4