Australian Government

CPP50221 Diploma of Spatial Information Services

Release 1

CPP50221 Diploma of Spatial Information Services

Modification History

Release 1 This qualification first released with CPP Property Services Training Package Release 12.0.

Supersedes and is equivalent to CPP50216 Diploma of Spatial Information Services.

Qualification Description

This qualification reflects the role of skilled spatial information system technicians. They perform advanced data manipulation, including spatial dataset updating and management, development and management of mobile and web-based mapping and use a range of technologies, such as specialised geospatial software, remote sensed imagery, 3-D digital modelling, and global navigation satellite systems (GNSS).

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

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

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in 15 units of competency consisting of:

- 7 core units
- 8 elective units.

Electives are to be selected as follows:

- 8 units from the elective units listed below

or

- up to 2 of the 8 elective units may be selected from any current training package qualification or accredited course, 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 outcomes of other units used to achieve this qualification.

Core Units

BSBPMG430	Undertake project work
CPPSSI5031	Develop a spatial data collection plan
CPPSSI5032	Capture new spatial data
CPPSSI5035	Create spatial data
CPPSSI5036	Integrate spatial datasets
CPPSSI5064	Conduct complex spatial data analysis
CPPSSI6040	Develop 2-D and 3-D terrain visualisations

Elective Units

AHCLPW410	Produce maps for land management purposes
BSBESB402	Establish legal and risk management requirements of new business ventures
BSBESB407	Manage finances for new business venture
BSBSUS411	Implement and monitor environmentally sustainable work practices
BSBTWK502	Manage team effectiveness
CPPSSI5037	Maintain spatial data systems
CPPSSI5040	Source, collate and interpret spatial data
CPPSSI5043	Design spatial data storage systems
CPPSSI5060	Develop spreadsheets for spatial data
CPPSSI5062	Conduct photogrammetric mapping
CPPSSI6037	Conduct advanced remote sensing analysis
ICTICT436	Develop macros and templates for clients using standard products
ICTPRG431	Apply query language in relational databases
ICTPRG434	Automate processes

ICTPRG440   Apply introductory programming skills in different languages

PSPLND001   Investigate tenure and land use history

PSPLND012   Review planning documents and environmental assessments

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.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205df cf13d9b.