**QUALIFICATION CODE** CPP50220

**QUALIFICATION TITLE** Diploma of Spatial Information Services

**QUALIFICATION DESCRIPTION**

This qualification reflects the role of skilled spatial information system (SIS) 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, 3D digital modelling, and global navigation satellite system (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, regulatory, or certification requirements apply to this qualification at the time of endorsement.

This qualification is suitable for an Australian traineeship pathway.

**ENTRY REQUIREMENTS**

There are no entry requirements for this qualification.

**PACKAGING RULES**

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| To achieve this qualification, competency must be demonstrated in 15 units of competency consisting of:* 7 core units and
* 8 elective units.
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| 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 AQF level of this qualification and do not duplicate the outcomes of other units used to achieve this qualification.

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| **Core**  |  |
| [BSBPMG522](https://training.gov.au/Training/Details/BSBPMG522) | Undertake project work  |
| CPPSSI5031 | Develop a spatial data collection plan  |
| CPPSSI5032 | Capture new spatial data |
| CPPSSI5035 | Create spatial data  |
| CPPSSI5036 | Integrate spatial datasets |
| CPPSSI6040 | Develop 2-D and 3-D terrain visualisations |
| CPPSSI5064 | Conduct complex spatial data analysis |
| **Elective**  |  |
| [AHCLPW404](https://training.gov.au/Training/Details/AHCLPW404) | Produce maps for land management purposes  |
| [BSBSMB401](https://training.gov.au/Training/Details/BSBSMB401)  | Establish legal and risk management requirements of small business  |
| [BSBSMB421](https://training.gov.au/Training/Details/BSBSMB421)  | Manage small business finances |
| [BSBSUS401](https://training.gov.au/Training/Details/BSBSUS401)  | Implement and monitor environmentally sustainable work practices |
| [BSBWOR502](https://training.gov.au/Training/Details/BSBWOR502) | Lead and 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  |
| [ICTPRG431](https://training.gov.au/Training/Details/ICTPRG431) | Apply query language in relational databases |
| [ICTPRG434](https://training.gov.au/Training/Details/ICTPRG434) | Automate processes |
| [ICTPRG440](https://training.gov.au/Training/Details/ICTPRG440) | Apply introductory programming skills in different languages |
| [ICTICT436](https://training.gov.au/Training/Details/ICTICT436) | Develop macros and templates for clients using standard products |
| [PSPLND001](https://training.gov.au/Training/Details/PSPLND001) | Investigate tenure and land use history  |
| [PSPLND012](https://training.gov.au/Training/Details/PSPLND012) | Review planning documents and environmental assessments  |

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**QUALIFICATION MAPPING INFORMATION**

TheCPP50220 Diploma of Spatial Information Services supersedes and is equivalent to the CPP50216 Diploma of Spatial Information Services.

**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>.