

Occupation: GIS Assistant

Job Description: employees assist senior surveyors with the design, preparation and revision of maps, charts, plans, three-dimensional models and spatial information databases, using computer-based techniques, and applying principles from science, mathematics and graphic design. They may apply these elements to represent, analyse and manage essential spatial information that services the mining, mineral exploration, mapping, marketing, web publishing, regional planning and environmental management industries.

Qualification: CPP40207 Certificate IV in Spatial Information Services

This qualification reflects the role of individuals who use well-developed skills and a broad knowledge base in a wide variety of contexts. They apply solutions to a defined range of unpredictable problems, and analyse and evaluate information from a variety of sources. They may provide guidance to others with some limited responsibility for the output of others.

The Property Services CPP07 Training Package guidelines, with the incorporation of an environmental elective have been applied to create this occupational profile:

15 Units Required	
Core Units	
CPPSIS4001 A	Maintain spatial systems
CPPSIS4013 A	Maintain spatial data
CPPSIS4002 A	Store and retrieve spatial data
CPPSIS4004 A	Collect basic GPS data
FPIFGM147 A	Read and interpret maps
ICAITU006 C	Operate computing packages
BSBCMN311 A	Maintain workplace safety
CPPSIS5005 A	Obtain and validate existing data
CPPSIS4005 A	Read and interpret basic image data
Elective Units Selected	
LGAPLEM404 A	Prepare and present geographic information systems data
CPPSIS4003 A	Collect and set out basic spatial data
PRMCMN403 A	Facilitate effective team work
CUVCRS03 A	Produce computer-aided drawings
CPPSIS4014 A	Apply GIS software to problem-solving techniques
CPPCMN3001 A	Participate in environmentally sustainable work practices