Australian Government

CPP30112 Certificate III in Surveying and Spatial Information Services

Release 2

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Modification History

Version Comment

2   Deletion of the Surveying and Spatial units as approved by the Industry Reference Committee Release 12.0 of the CPP Property Services Training Package:

- CPPSIS3013A - Support spatial process improvement
- CPPSIS3014A - Respond to client spatial enquiry
- CPPSIS3017A - Select, operate and maintain equipment and supplies.

1   Overall number of units required for qualification remains unchanged, but core units reduced from 7 to 5 by moving the following two core units to the elective pool: CPPSIS3011A Apply map presentation principles and CPPSIS3002A Store and retrieve spatial data (which has however been replaced by CPPSIS4022A Store and retrieve spatial data).

Changed outcome for some native CPP07 core units. Imported core unit updated. Native and imported elective units updated.

Description

Qualification requirements

This qualification applies to those who apply a broad range of competencies in a varied work context using some discretion, judgement and relevant theoretical knowledge. Under supervision, they may be responsible for operational surveying or spatial information services (SSIS) activity, including supporting a team.

The qualification is suitable for VET in Schools programs and an Australian Apprenticeship pathway.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability skill	Industry/enterprise requirements for this qualification include the following facets:

Communication	• communicate in a clear and concise manner in both written and verbal modes
	• apply literacy skills to:
	  • assess and use workplace information
	  • interpret and understand basic legal, financial, procedural and technical requirements
	  • process workplace documentation
	  • read and record data
	• record spatial data in index according to organisational guidelines
	• record and report discrepancies between specifications and actual activities
	• record administrative and legal requirements for spatial data
	• report any occurrence in the work area which may affect the safety and efficiency of operations to appropriate personnel
	• complete spatial business documentation according to established work procedures and organisational guidelines
	• provide appropriate information and follow-up on a variety of predictable issues
	• address client in a courteous and businesslike manner

Teamwork	• relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities • assist relevant personnel in the data-collection process • apply interpersonal skills e.g. cooperation and flexibility • work within a team in a range of SSIS activities • work with others in performing set task requirements • work with others on site to perform key organisational requirements within an SSIS framework • advise co-workers and supervisors of work implications, where appropriate • carry out support tasks under direction and according to specifications
Problem solving	• identify and describe different types of maps • identify nature and type of spatial enquiry • apply spatial skills to understand implications of height, depth, breadth, dimension and position to actual operational activity and virtual representation • perform key organisational requirements within a spatial information services framework, working from site drawings and specifications • determine and mark surface positions according to accepted standards using information available from site drawings and references

Employability skill	Industry/enterprise requirements for this qualification include the following facets:
Initiative and enterprise	• interpret and create simple maps • interpret and act upon available information using discretion and judgement • apply analytical skills • assess client needs in routine matters • restore site as near as practicable to original condition
Planning and organising	• apply purpose, application and scope of cartography in the context of the project objective • allocate a priority for enquiries regarding additional spatial research • document metadata according to accepted industry standards • collect basic data through a range of methods • update relevant files and records • plan and adhere to OHS requirements
Self-management	• use time management skills • use personal protective equipment according to OHS guidelines • prioritise daily activities • establish client spatial requirements and degree of urgency

Learning	• update skills and knowledge to accommodate changes in:
	  • client enquiries
	  • field support services
	  • equipment and operating procedures

Technology	• use computers and software systems (basic) • use spatial reference systems to measure, locate and plot features on maps • use indexing system to locate basic spatial data source • use a range of equipment in the field safely and accurately • perform a range of basic activities in the use of information technology and equipment within a spatial information handling framework • select equipment, supplies and spatial information services technologies according to task requirements • check equipment to ensure it is in safe working order • organise repair work for unsafe or faulty tools and equipment • operate appropriate equipment according to task requirements and manufacturer specifications

Due to the high proportion of electives required by this qualification, the industry/enterprise requirements described above for each employability skill are representative of the property industry in general and may not reflect specific job roles. Learning and assessment strategies for this qualification should be based on the requirements of the units of competency for this qualification.

This table is a summary of employability skills that are typical of this qualification and should not be interpreted as definitive.

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 11 units of competency:
  - 5 core units
  - 6 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:

- up to 6 units from the elective units listed below
- up to 2 units may be chosen from other Certificate II, III or IV qualifications in CPP07 or another current Training Package or accredited course.

Core units

CPPCMN3003A	Contribute to workplace safety arrangements
CPPSIS3015A	Collect spatial data
CPPSIS3020A	Perform basic surveying computations
RIISTD201A	Read and interpret maps

Elective units

BSBCUS301B	Deliver and monitor a service to customers
BSBFLM305C	Support operational plan
BSBFLM309C	Support continuous improvement systems and processes

Artibus Innovation

BSBPMG510A	Manage projects
CPPCMN3001 B	Participate in environmentally sustainable work practices
CPPSIS2011A	Prepare for work in the spatial information services industry
CPPSIS3011A	Apply map presentation principles
CPPSIS3016A	Provide field support services
CPPSIS3018A	Transfer personnel and loads
CPPSIS3019A	Perform basic drafting
CPPSIS4022A	Store and retrieve spatial data
CPPSIS4026A	Read and interpret image data
CPPSIS4030A	Operate surveying equipment
HLTFA301C	Apply first aid
ICAICT203A	Operate application software packages
RIIRIS301B	Apply risk management processes
TLIC2025A	Operate four wheel drive vehicle

Custom Content Section

Not applicable.