



Australian Government

Department of Education, Employment and Workplace Relations

CPP30111 Certificate III in Surveying and Spatial Information Services

Release: 1

CPP30111 Certificate III in Surveying and Spatial Information Services

Modification History

Not Applicable

Description

Not Applicable

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

Employability Skills Summary

Employability Skills Qualification Summary	
Employability Skill	Industry/enterprise requirements for this qualification include the following facets:
Communication	<ul style="list-style-type: none"> • 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 • apply numeracy skills to: • record and collate accurately • undertake basic computations
Teamwork	<ul style="list-style-type: none"> • 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 SIS activities • work with others in performing set task requirements • work with others on site to perform key

Employability Skills Qualification Summary	
	<p>organisational requirements within an SIS framework</p> <ul style="list-style-type: none"> • advise co-workers and supervisors of work implications, where appropriate • carry out support tasks under direction and according to specifications
Problem solving	<ul style="list-style-type: none"> • 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
Initiative and enterprise	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • use time management skills • use personal protective equipment according to OHS guidelines • prioritise daily activities • establish client spatial requirements and

Employability Skills Qualification Summary	
	degree of urgency
Learning	<ul style="list-style-type: none"> • update skills and knowledge to accommodate changes in: • client enquiries • field support services • equipment and operating procedures • apply cartographic requirements
Technology	<ul style="list-style-type: none"> • 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

Packaging rules

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

- 11 units of competency:
- 7 core units
- 4 elective units.

The elective units are chosen as follows:

- 4 units from the elective units listed below
- 2 of the units may be chosen from other Certificate II, III or IV qualifications in CPP07 another current Training Package or state accredited course, provided the integrity of the AQF alignment is ensured, and they contribute to a valid, industry-supported vocational outcome.

Core units

CPPSIS3001A	Apply map presentation principles
CPPSIS3002A	Store and retrieve basic spatial data
CPPSIS3004A	Respond to client spatial enquiry
CPPSIS3005A	Collect basic spatial data
CPPSIS3010A	Perform basic spatial computations
PRMCMN301A	Contribute to workplace safety arrangements
RIIG005A	Read and interpret maps

Elective units

BSBCUS301A	Deliver and monitor a service to customers
BSBFLM303C	Contribute to effective workplace relationships
BSBFLM312B	Contribute to team effectiveness
CPPCMN3001B	Participate in environmentally sustainable work practices
CPPSIS2001B	Prepare for work in the spatial information services industry
CPPSIS3003A	Support spatial process improvement
CPPSIS3006A	Provide field support services
CPPSIS3007A	Select, operate and maintain equipment and supplies

Packaging rules	
CPPSIS3008A	Transfer personnel and loads
CPPSIS3009A	Perform basic drafting
CPPSIS4006A	Read and interpret basic image data
CPPSIS4010A	Operate surveying equipment
HLTFA301B	Apply first aid
ICAU2006B	Operate computing packages
MNQGEN300A	Apply risk management processes
TLIC2507B	Operate four wheel drive vehicle