

H. Proposed training package components

Qualification mapping – there are six qualifications

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPP20120 Certificate II in Surveying and Spatial Information Services	CPP20116 Certificate II in Surveying and Spatial Information Services	Supersedes and is equivalent to CPP20116 Certificate II in Surveying and Spatial Information Services.	E
CPP30220 Certificate III in Surveying and Spatial Information Services	CPP30216 Certificate III in Surveying and Spatial Information Services	Supersedes and is equivalent to CPP30216 Certificate III in Surveying and Spatial Information Services.	E
CPP41720 Certificate IV in Surveying and Spatial Information Services	CPP40216 Certificate IV in Surveying	Supersedes and is equivalent to CPP40216 Certificate IV in Surveying.	E
	CPP40316 Certificate IV in Spatial Information Services	Supersedes and is equivalent to CPP40316 Certificate IV in Spatial Information Services.	E
CPP50120 Diploma of Surveying	CPP50116 Diploma of Surveying	Supersedes and is equivalent to CPP50116 Diploma of Surveying.	E
CPP50220 Diploma of Spatial Information Services	CPP50216 Diploma of Spatial Information Services	Supersedes and is equivalent to CPP50216 Diploma of Spatial Information Services.	E
CPP60120 Advanced Diploma of Surveying	CPP60116 Advanced Diploma of Surveying	Supersedes and is equivalent to CPP60116 Advanced Diploma of Surveying.	E

Units of competency mapping

57 units have been updated and 7 units are proposed for deletion

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI2012 Assist in collecting basic spatial data	CPPSIS2012 Assist in collecting basic spatial data	Supersedes and is equivalent to CPPSIS2012 Assist in collecting basic spatial data Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI2013 Store and retrieve basic spatial data	CPPSIS2013 Store and retrieve basic spatial data	Supersedes and is equivalent to CPPSIS2013 Store and retrieve basic spatial data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI2015 Assist with surveying and spatial field activities	CPPSIS2015 Assist with surveying and spatial field activities	Supersedes and is equivalent to CPPSIS2015 Assist with surveying and spatial field activities. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
N/A	CPPSIS2016 Assist with load transfers	Deleted. No enrolments for an extended time.	N/A
CPPSSI3011 Produce basic maps	CPPSIS3011 Produce basic maps	Supersedes and is equivalent to CPPSIS3011 Produce basic maps. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI3015 Collect basic surveying data	CPPSIS3015 Collect basic surveying data	Supersedes and is equivalent to CPPSIS3015 Collect basic surveying data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI3016 Provide field support services for surveying and spatial projects	CPPSIS3016 Provide field support services for surveying and spatial projects	Supersedes and is equivalent to CPPSIS3016 Provide field support services for surveying and spatial projects. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
N/A	CPPSIS3018 Transfer loads	Deleted. No enrolments for an extended time.	N/A
CPPSSI3019 Produce basic plans of surveys	CPPSIS3019 Produce basic plans of surveys	Supersedes and is equivalent to CPPSIS3019 Produce basic plans of surveys. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI3020 Perform simple surveying and spatial computations	CPPSIS3020 Perform basic surveying computations	New title and code changed. Supersedes and is equivalent to CPPSIS3020 Perform basic surveying computations. Unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI3021 Visually interpret image data	CPPSIS3021 Visually interpret image data	Supersedes and is equivalent to CPPSIS3021 Visually interpret image data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4022 Store and retrieve spatial data	CPPSIS4022 Store and retrieve spatial data	Supersedes and is equivalent to CPPSIS4022 Store and retrieve spatial data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI4024 Source and assess spatial data	CPPSIS4024 Source and assess spatial data	Supersedes and is equivalent to CPPSIS4024 Source and assess spatial data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4025 Collect spatial data using GNSS	CPPSIS4025 Collect spatial data using GNSS	Supersedes and is equivalent to CPPSIS4025 Collect spatial data using GNSS. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4026 Digitally enhance and process image data	CPPSIS4026 Digitally enhance and process image data	Supersedes and is equivalent to CPPSIS4026 Digitally enhance and process image data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4032 Plan and conduct field surveying operations	CPPSIS4027 Organise surveying field services	New title and code changed. Supersedes and is non-equivalent to: CPPSIS4027 Organise surveying field services Functions incorporated in updated <i>CPPSIS4032 Plan and conduct field surveying operations</i> to remove duplication across units. NOTE: Attainment of both CPPSIS4027 and CPPSIS4032 is equivalent to updated CPPSSI4032.	N
CPPSSI4030 Operate surveying equipment	CPPSIS4030 Operate surveying equipment	Supersedes and is equivalent to CPPSIS4030 Operate surveying equipment. Code changed and unit edited for clarity and updated to reflect current industry practice.	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI4031 Perform surveying computations	CPPSIS4031 Perform surveying computations	<p>Supersedes and is equivalent to CPPSIS4031 Perform surveying computations.</p> <p>Code changed and unit edited for clarity and updated to reflect current industry practice.</p>	E
<p>CPPSSI4032 Plan and conduct field surveying operations</p>	CPPSIS4032 Conduct field surveying operations	<p>New title and code changed.</p> <p>Supersedes and is non-equivalent to CPPSIS4032 Conduct field surveying operations.</p> <p>Unit edited for clarity and updated to reflect current industry practice.</p> <p>Functions from CPPSIS4027 incorporated in updated <i>CPPSIS4032 Conduct field surveying operations</i> to remove duplication across units.</p> <p>NOTE: Attainment of both CPPSIS4027 and CPPSIS4032 is equivalent to updated CPPSSI4032.</p>	N
CPPSSI4034 Maintain spatial data	CPPSIS4034 Maintain spatial data	<p>Supersedes and is equivalent to CPPSIS4034 Maintain spatial data.</p> <p>Code changed and unit edited for clarity and updated to reflect current industry practice.</p>	E
<p>CPPSSI4035 Apply GIS software to spatial data problems</p>	CPPSIS4035 Apply GIS software to solve spatial data problems	<p>New title and code changed</p> <p>Supersedes and is equivalent to CPPSIS4035 Apply GIS software to solve spatial data problems.</p> <p>Unit edited for clarity and updated to reflect current industry practice.</p>	E
CPPSSI4036 Operate spatial software applications	CPPSIS4036 Operate spatial software applications	<p>Supersedes and is equivalent to CPPSIS4036 Operate spatial software applications.</p> <p>Code changed and unit edited for clarity and updated to reflect current industry practice.</p>	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI4037 Produce computer-aided drawings	CPPSIS4037 Produce computer-aided drawings	Supersedes and is equivalent to CPPSIS4037 Produce computer-aided drawings. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4038 Prepare and present GIS data	CPPSIS4038 Prepare and present GIS data	Supersedes and is equivalent to CPPSIS4038 Prepare and present GIS data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4039 Design and produce maps	CPPSIS4039 Design and produce maps	Supersedes and is equivalent to CPPSIS4039 Design and produce maps. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4040 Collect spatial data using a Total Station	CPPSIS4040 Collect spatial data using terrestrial technologies	New title and code changed. Supersedes and is equivalent to CPPSIS4040 Collect spatial data using terrestrial technologies. Unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI4041 Set out site and building works.	CPPSIS4041 Set out site and building works.	Supersedes and is equivalent to CPPSIS4041 Set out site and building works. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI5031 Develop a spatial data collection	CPPSIS5031 Plan spatial data collection	New title and code changed Supersedes and is equivalent to CPPSIS5031 Plan spatial data collection. Unit edited for clarity and updated to reflect current industry practice.	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI5032 Capture new spatial data	CPPSIS5032 Capture new spatial data	Supersedes and is equivalent to CPPSIS5032 Capture new spatial data. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI5035 Create spatial data	CPPSIS5035 Obtain and validate spatial data	New title and code changed. Supersedes and is not equivalent to CPPSIS5035 Obtain and validate spatial data. Unit edited for clarity and updated to reflect current industry practice.	N
CPPSSI5036 Integrate spatial datasets	CPPSIS5036 Integrate spatial datasets	Supersedes and is equivalent to CPPSIS5036 Integrate spatial datasets. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI5037 Maintain spatial data systems	CPPSIS5037 Maintain spatial data systems	Supersedes and is equivalent to CPPSIS5037 Maintain spatial data systems. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
N/A	CPPSIS5038 Develop spatial databases	Deleted. Very low enrolments for extended time.	N/A
N/A	CPPSIS5039 Plan and implement spatial projects	Deleted. Very low enrolments for extended time. Replaced by BSBPMG522 Undertake project work,	N/A
CPPSSI5040 Source, collate and interpret spatial data	CPPSIS5040 Interpret and collate spatial data	New title and code changed. Supersedes and is equivalent to CPPSIS5040 Interpret and collate spatial data. Unit edited for clarity and updated to reflect current industry practice	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI5043 Design spatial data storage systems	CPPSIS5043 Design spatial data storage systems	Supersedes and is equivalent to CPPSIS5043 Design spatial data storage systems. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5044 Develop subdivision survey designs	CPPSIS5044 Develop subdivision survey designs for local government approval	New title and code changed. Supersedes and is not equivalent to CPPSIS5044 Develop subdivision survey designs for local government approval. Unit edited for clarity and updated to reflect current industry practice	N
CPPSSI5046 Set out roads and stormwater systems	CPPSIS5046 Set out stormwater systems	New title and code changed. Unit updated to include roads. Supersedes and is not equivalent to CPPSIS5046 Set out stormwater systems Unit edited for clarity and updated to reflect current industry practice.	N
CPPSSI5047 Conduct GNSS surveys	CPPSIS5047 Conduct GNSS surveys	Supersedes and is equivalent to CPPSIS5047 Conduct GNSS surveys. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5048 Conduct engineering surveys	CPPSIS5048 Conduct engineering surveys	Supersedes and is equivalent to CPPSIS5048 Conduct engineering surveys. Code changed and unit edited for clarity and updated to reflect current industry practice.	E
N/A	CPPSIS5049 Plan and implement surveying projects	Deleted. Very low enrolments for extended time. Replaced by BSBPMG522 Undertake project work,	N/A

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI5050 Produce survey drawings	CPPSIS5050A Create engineering drawings	New title and code changed Supersedes and is equivalent to CPPSIS505A Create engineering drawings. Unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI5051 Conduct identification surveys	CPPSIS5051 Apply land and planning law to surveying	New title and code changed. Supersedes and is equivalent to CPPSIS5051 Apply land and planning law to surveying. Unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5052 Integrate surveying datasets	CPPSIS5052 Integrate surveying datasets	Supersedes and is equivalent to CPPSIS5052 Integrate surveying datasets. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5053 Perform complex surveying computations	CPPSIS5053 Perform advanced surveying computations	New title and code changed. Supersedes and is equivalent to CPPSIS5053 Perform advanced surveying computations. Unit edited for clarity and updated to reflect current industry practice.	E
CPPSSI5054 Perform geodetic surveying computations	CPPSIS5054 Perform geodetic surveying computations	Supersedes and is equivalent to CPPSIS5054 Perform geodetic surveying computations. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5057 Conduct precision surveys	CPPSIS5057 Conduct precision surveys	Supersedes and is equivalent to CPPSIS5057 Conduct precision surveys. Code changed and unit edited for clarity and updated to reflect current industry practice	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI5058 Conduct geodetic surveys	CPPSIS5058 Conduct geodetic surveys	Supersedes and is equivalent to CPPSIS5058 Conduct geodetic surveys. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5060 Develop spreadsheets for spatial data	CPPSIS5060 Develop spreadsheets for spatial data	Supersedes and is equivalent to CPPSIS5060 Develop spreadsheets for spatial data. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5061 Survey subsurface utility information (SUI)	CPPSIS5061 Locate underground services in surveying practice	New title and code changed. Supersedes and is equivalent to CPPSIS5061 Locate underground services in surveying practice. Unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5062 Conduct photogrammetric mapping	CPPSIS5062 Conduct photogrammetric mapping	Supersedes and is equivalent to CPPSIS5062 Conduct photogrammetric mapping. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5064 Conduct complex spatial data analysis	CPPSIS5064 Coordinate GIS data manipulation and analysis	New title and code changed. Supersedes and is equivalent to CPPSIS5064 Coordinate GIS data manipulation and analysis. Unit edited for clarity and updated to reflect current industry practice	E
CPPSSI5065 Design basic engineering structures	CPPSIS5065 Design basic engineering structures	Supersedes and is equivalent to CPPSIS5065 Design basic engineering structures. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI6021 Conduct open pit mine surveys	CPPSIS6021 Conduct open pit mine surveys	Supersedes and is equivalent to CPPSIS6021 Conduct open pit mine surveys. Code changed and unit edited for clarity and updated to reflect current industry practice	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI6022 Produce mine drawings	CPPSIS6022 Produce mine drawings	Supersedes and is equivalent to CPPSIS6022 Produce mine drawings. Code changed and unit edited for clarity and updated to reflect current industry practice	E
N/A	CPPSIS6025 Apply quality control measures to spatial products and services	Deleted. No enrolments for extended time.	N/A
N/A	CPPSIS6031 Design basic mines	Deleted. No enrolments for extended time.	N/A
CPPSSI6032 Conduct advanced GNSS control surveys	CPPSIS6032 Conduct advanced GNSS control surveys	Supersedes and is equivalent to CPPSIS6032 Conduct advanced GNSS control surveys. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI6033 Conduct underground mine surveys	CPPSIS6033 Conduct underground mine surveys	Supersedes and is equivalent to CPPSIS6033 Conduct underground mine surveys. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI6034 Conduct mining geology project research	CPPSIS6034 Conduct mining geology operations	New title and code changed Supersedes and is equivalent to CPPSIS6034 Conduct mining geology operations. Code changed and unit edited for clarity and updated to reflect current industry practice	E
CPPSSI6035 Conduct complex engineering set-out surveys	CPPSIS6035 Conduct complex engineering set-out surveys	Supersedes and is equivalent to CPPSIS6035 Conduct complex engineering set-out surveys. Code changed and unit edited for clarity and updated to reflect current industry practice	E

CPP Property Services Training Package Release 10.0	CPP Property Services Training Package Release 3.0	Comments	E/N
CPPSSI6036 Monitor engineering structures	CPPSIS6036 Monitor engineering structures	<p>Supersedes and is equivalent to CPPSIS6036 Monitor engineering structures.</p> <p>Code changed and unit edited for clarity and updated to reflect current industry practice</p>	E
CPPSSI6037 Conduct advanced remote sensing analysis	CPPSIS6037 Conduct advanced remote sensing analysis	<p>Supersedes and is equivalent to CPPSIS6037 Conduct advanced remote sensing analysis.</p> <p>Code changed and unit edited for clarity and updated to reflect current industry practice</p>	E
CPPSSI6040 Develop 2-D and 3-D terrain visualisations	CPPSIS6040 Develop 2-D and 3-D terrain visualisations	<p>Supersedes and is equivalent to CPPSIS6040 Develop 2-D and 3-D terrain visualisations.</p> <p>Code changed and unit edited for clarity and updated to reflect current industry practice</p>	E
CPPSSI6041 Compile mine survey plans	CPPSIS6041 Compile mine survey plans	<p>Supersedes and is equivalent to CPPSIS6041 Compile mine survey plans.</p> <p>Code changed and unit edited for clarity and updated to reflect current industry practice</p>	E

Obsolete training components proposed for deletion – 16 Skill Sets and 22 units

There are 16 surveying and spatial information services Skill Sets listed on training.gov.au. These formally recognised combination of units have not been used. These were developed in 2011 and have never been reviewed. The current versions of the units contained within the Skill Sets are available in the qualifications. Knowledge and skills fundamental to working in the industry will not be compromised by the removal of the Skill Sets. RTOs can create skill sets if required to respond flexibly to meet local industry training needs.

The Skill Sets proposed for deletion are:

Code	Title
CPPSS00002	Apply Planning Law to Surveying Skill Set
CPPSS00003	Collect and Integrate Spatial Data Skill Set
CPPSS00008	Conduct Remote Location Surveys Skill Set
CPPSS00015	Implement Best Practice in Spatial Information Projects Skill Set
CPPSS00018	Induction to Surveying and Spatial Information Services
CPPSS00026	Perform Applied Engineering Surveying Skill Set
CPPSS00027	Perform Basic Spatial Drafting Skill Set
CPPSS00030	Perform Spatial Data Collection and Surveying Skill Set
CPPSS00031	Prepare Engineering Survey Drawings Skill Set
CPPSS00032	Prepare Mine Survey Drawings Skill Set
CPPSS00034	Provide Support in Spatial Field Services Skill Set
CPPSS00035	Provide Technical Assistance in Spatial Information Systems Development Skill Set
CPPSS00037	Provide Technical Assistance with Spatial Data Collection Skill Set
CPPSS00038	Provide Technical Assistance with Surveying Skill Set
CPPSS00042	Undertake Spatial Remote Sensing Skill Set
CPPSS00043	Use Spatial Web Applications for Mapping Skill Set.

It is also proposed to delete 12 units contained within the Skill Sets and 10 units associated with superseded qualifications, that have no corresponding current unit, however, are still listed as current on training.gov.au.

The units are:

Code	Title
CPPSIS2011A	Prepare for work in the spatial information services industry
CPPSIS2014A	Assist in the selection, operation and maintenance of equipment and supplies
CPPSIS2017A	Use information technology for spatial information services activity
CPPSIS3013A	Support spatial process improvement
CPPSIS3014A	Respond to client spatial enquiry
CPPSIS3017A	Select, operate and maintain equipment and supplies
CPPSIS4021A	Maintain spatial systems
CPPSIS4023A	Facilitate effective spatial client relationships
CPPSIS4028A	Organise equipment and supplies
CPPSIS4033A	Participate in spatial process improvement
CPPSIS5033A	Implement a spatial information services project plan
CPPSIS5034A	Determine spatial data requirements
CPPSIS5041A	Monitor and control the spatial components of projects
CPPSIS5042A	Maintain effective internal and external spatial communication networks
CPPSIS5045A	Undertake spatial process improvement to reduce costs and improve service
CPPSIS5055A	Plan and conduct major survey expeditions
CPPSIS5056A	Design road and railway
CPPSIS5059A	Determine suitable information sources to create new spatial datasets.
CPPSIS5063A	Produce GIS data
CPPSIS6023A	Determine client spatial requirements
CPPSIS6024A	Design a spatial project plan