

QUALIFICATION CODE CPP30220

QUALIFICATION TITLE Certificate III in Surveying and Spatial Information Services

QUALIFICATION DESCRIPTION

This qualification reflects the role of surveying or spatial information services assistants who work under supervision to support a surveying or spatial information services team. They perform a range of duties, from collecting basic spatial data and providing field support services, to simple drafting and map production.

No licensing, legislative, regulatory or certification requirements apply to this qualification at the time of publication.

Cadastral surveying must be undertaken under the supervision of a registered surveyor. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

This qualification is suitable for an Australian traineeship pathway.

ENTRY REQUIREMENTS

There are no entry requirements for this qualification.

PACKAGING RULES

To achieve this qualification, competency must be demonstrated in 11 units of competency consisting of:

- 6 core units
- 5 elective units.

Electives are to be selected as follows:

- 5 units from the electives listed below, or
- 3 units from the electives listed below, plus 2 units which 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 outcome of another unit used to achieve this qualification.

Core

<u>CPCCWHS1001</u>	Prepare to work safely in the construction industry
CPPSSI3011	Produce basic maps
CPPSSI3015	Collect basic surveying data
CPPSSI3019	Produce basic plans of surveys
CPPSSI3020	Perform simple surveying and spatial computations
<u>ICTICT203</u>	Operate application software packages

Elective

<u>AHCNAR307</u>	Read and interpret maps
<u>BSBITU314</u>	Design and produce spreadsheets

<u>BSBWHS201</u>	Contribute to health and safety of self and others
CPPSSI3016	Provide field support services for surveying and spatial projects
CPPSSI3021	Visually interpret image data
CPPSIS4022	Store and retrieve spatial data
CPPSSI4030	Operate surveying equipment
CPPSSI4039	Design and produce maps
<u>HLTAID003</u>	Provide first aid
<u>MEM30012A</u>	Apply mathematical techniques in a manufacturing, engineering or related environment

QUALIFICATION MAPPING INFORMATION

The CPP30220 Certificate III in Surveying and Spatial Information Services supersedes and is equivalent to the CPP30216 Certificate III in Surveying and 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>

Modification History

June 2020

CPPSIS4022 Store and retrieve spatial data added to electives based on feedback from TAFE NSW

May 2020

Adjusted number of elective units (from 1 to 2) which may be selected from any qualification or accredited course to accommodate feedback received to add additional electives. Allowing for import of 2 units also aligns with current version of the Certificate III in Surveying and Spatial Information Services on TGA.

The unit CPPSIS3017A Select, operate and maintain equipment and supplies which was proposed for reinstatement has been removed from the electives. It is proposed for deletion as its coverage is addressed in several units.

April 2020

In response to strong participant feedback at the webinar held 3 April 2020, the previous proposal to delete the Certificate III was reversed. The qualification was identified by industry as providing important exposure to the industry and emails/letters of support have already been received by the project.

Included with some of the support correspondence was the feedback to include two additional electives. In the current version of the draft *BSBITU314 Design and produce spreadsheets* and *AHCNAR307 Read and interpret maps* have been added.

Commentary in the February 2020 modification history proposing deletion of CPPSIS3011, 3015, 3016 and 3021 no longer applies.

February 2020

At the TAG meeting held 4 February 2020, it was proposed that the Certificate III be deleted and relevant units embedded into the Certificate IV.

Rationale

The Certificate III is an introductory qualification that has limited vocational outcomes. A Certificate IV level qualification is considered entry level by the industry.

Only two RTOs are currently delivering the Certificate III qualification with overall enrolments declining. It is difficult for RTOs to find suitably qualified staff to deliver and assess the qualification.

There is increasing pressure from the regulatory body, the Australian Skills Quality Authority (ASQA) for RTOs to adhere to the volume of learning specified in the Australian Qualifications Framework (AQF). For a Certificate III, volume of learning is typically 1 – 2 years. The time required to deliver a surveying program comprising the Certificate III, Certificate IV and Diploma would be too long.

The four units below are proposed for deletion as the skills and knowledge are embedded in other units:

CPPSIS3011 Produce basic maps (embedded in CPPSIS4039 Design and produce maps)

CPPSIS3015 Collect basic surveying data (embedded in CPPSIS4030 Operate surveying equipment)

CPPSIS3016 Provide field support services for surveying and spatial projects

CPPSIS3021 Visually interpret image data (addressed in CPPSIS4026 Digitally enhance and process image data)

Two units are proposed to include in the Certificate IV:

CPPSIS3019 Produce basic plans of surveys (elective)

CPPSIS3020 Perform basic surveying computations

November 2019

Qualification restructured based on TAG and Working Group recommendations:

4 units removed from the elective list:

- CPPSIS3018 Transfer load. This unit is also proposed for deletion
- CPPSIS4022 Store and retrieve spatial data (belongs in Certificate IV)
- RIISTD201D Read and interpret maps
- TLIC2025 Operate four-wheel drive vehicle

1 elective, ICTICT203 Operate application software packages was moved from elective to core

3 new units added to electives:

- CPPSIS3017A Select, operate and maintain equipment and supplies.
This unit recommended to be included as an elective as it is used in WA to teach introductory Magnet and Autocad.
- BSBWHS201 Contribute to health and safety of self and others, and

- MEM30012A Apply mathematical techniques in a manufacturing, engineering or related environment

Packaging rules have changed - instead of 5 core and 6 electives, it is now 6 core and 5 electives.
Total number of units is the same.

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