

Draft 0.2

This is a draft update to CPPSIS3019 Produce basic plans of surveys:

<https://training.gov.au/Training/Details/CPPSIS3019>.

Code changed to CPPSI3019 to comply with NSSC endorsement policy.

Changed PCs to active voice.

PCs in Element 3 recombined.

Changed 'person' to 'candidate' in PE.

Range of Conditions added to Knowledge Evidence.

Mapping information added.

TAG will need to reassess this as unit is redeveloped.

Added following text to Foundation Skills:

‘This section describes language, literacy, numeracy and employment skills explicit in the performance criteria that are required for competent performance.’

Unit of Competency

CPPSI3019 Produce basic plans of surveys

Modification history

Release	Comments
1	Replaces superseded equivalent CPPSI3019A Perform basic drafting. This version first released with CPP Property Services Training Package Version 3.
	Replaces superseded equivalent CPPSI3019 Produce basic plans of surveys

Application

This unit specifies the skills and knowledge required to use suitable computer software to produce basic plans of a survey from field surveying data. It involves setting up equipment and software, establishing surveying data and dimensions, processing data, and producing basic plans.

This unit is suitable for surveying or spatial information services assistants working under supervision. They will use cognitive, technical and communication skills to select and apply a range of methods, tools, materials and information to complete routine activities and provide solutions to predictable and sometimes unpredictable problems.

All work must be carried out to comply with workplace procedures, in accordance with relevant State/Territory regulations that govern surveying work as well as work health and safety, regulations and legislation that apply to the workplace.

Cadastral surveying must be undertaken under the supervision of a registered surveyor. Users must check with the relevant regulatory state/territory authority before delivery.

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

Prerequisite Unit

None

Unit Sector

Surveying and Spatial Information Services

Elements and Performance Criteria

1. Prepare to create basic plan of survey.	1.1 Clarify task requirements with appropriate persons. 1.2 Identify data privacy and licensing requirements relevant to the task. 1.3 Set up and check hardware, software and other equipment required to meet task requirements. 1.4 Establish dimensions and data for required for plan. 1.5 Access and retrieve required data according to task requirements.
2. Compile plan content.	2.1 Insert content data obtained from collected field surveying data to the plan. 2.2 Apply measurements of bearings, angles, distances, coordinates, perimeter and area. 2.3 Use basic software functions to process surveying data for plan of survey according to task requirements. 2.4 Prepare and insert title block information into plan of survey. 2.5 Apply basic drafting design elements to plan of survey.

3. Finalise basic plan production.	3.1 Check preliminary plan of survey for accuracy. 3.2 Review and make any necessary adjustments to plan in consultation with appropriate persons. 3.3 Print finalised plan to scale and store according to enterprise practices. 3.4 Store data files securely according to enterprise practices and data privacy requirements.
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Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPPSIS3019 Produce basic plans of surveys.

Links

The Companion Volume Implementation Guide for the CPP Property Services Training Package is available at <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPSSI3019 Produce basic plans of surveys

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Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by using software to produce two different basic plans of surveys.

The plans must include examples of:

- plotting of coordinate points
- plotting detail from traverse using bearings and distances
- creation of contour lines.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- typical content of plans of a survey
- basic design elements used in survey drawings including title block, line thickness, line style, text size and text font
- key features of plane coordinate systems
- industry-accepted standards relating to preparing and producing plans using software
- methods for checking and validating drawing accuracy
- software functions to produce basic plans.

Assessment Conditions

Assessors must satisfy the requirements for assessors contained in the Standards for Registered Training Organisations.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed.

Candidates must have access to:

- computer hardware and software suitable for preparing and producing plans of a survey.

Links

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