

Draft 0.2

This is a draft update to CPPSIS4036 Operate spatial software applications:
<https://training.gov.au/Training/Details/CPPSIS4036>.

Code changed to CPPSSI4036.
Changed PCs to active voice.

Changed 'person' to 'candidate' in PE
Range of Conditions added to Knowledge Evidence.

Mapping info added.

Unit of Competency

CPPSI4036 Operate spatial software applications

Modification history

Release	Comments
1	Replaces superseded equivalent CPPSI4036A Operate spatial software applications. This version first released with CPP Property Services Training Package Version 3.
	Replaces superseded equivalent CPPSI4036 Operate spatial software applications

Application

This unit specifies the skills and knowledge required to operate spatial software applications to produce, name and store spatial documents. Spatial documents include documents that contain geographic content such as a map, plan, spreadsheet, graph and diagram. The unit involves planning work tasks and selecting and using suitable software and equipment to present, calculate and check spatial information.

This unit is suitable for entry level technicians who will use a broad range of cognitive, technical and communication skills to select and apply a range of methods, tools, materials and information to complete routine and non-routine activities and provide and transmit solutions to a variety of predictable and sometimes unpredictable problems. Surveying and spatial information skills are applied in a range of industry contexts including town planning, civil construction, mining, engineering, health, agriculture and defence.

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.

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. Plan spatial operation.	1.1 Identify and review task objectives, audience and presentation requirements in consultation with appropriate persons. 1.2 Select appropriate software application, equipment and resources to meet spatial task objectives and enterprise requirements. 1.3 Set up and check software to ensure correct operation and functionality.
2. Carry out spatial operation.	2.1 Operate tools and features of software application to produce spatial documents according to task requirements. 2.2 Undertake computations using basic formulas and functions in software. 2.3 Use technical functions and tools to edit, format and complete documents according to task requirements.

	2.4 Implement quality controls to verify accuracy of document content according to task requirements. 2.5 Identify and resolve problems with spatial data and documents.
3. Finalise spatial operation.	3.1 Design spatial document presentation and layout. 3.2 Name and store spatial documents in directories and folders according to enterprise requirements. 3.3 Check and finalise spatial documents according to task requirements. 3.4 Complete and record documentation according to enterprise requirements.

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 CPPSIS4036 Operate spatial software applications

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 CPPSSI4036 Operate spatial software applications

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by planning and producing two spatial documents. Each spatial document must use two different types of spatial software applications.

Knowledge Evidence

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

- types of spatial documents
- types of spatial software applications and their features, tools and functions
- format conventions for spatial documents
- data privacy, information copyright and/or licensing relating to spatial documents.

Assessment Conditions

Assessors must meet 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 and software
- enterprise policies and procedures relating to:
 - work health and safety
 - data privacy, information copyright and/or licensing.

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