



Australian Government

CPPSSI4036 Operate spatial software applications

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 12.0.

This unit supersedes and is equivalent to CPPSIS4036 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, diagram. The unit includes 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 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 (WHS) legislation and regulations that apply to the workplace.

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

Pre-requisite Unit

Nil.

Unit Sector

Surveying and Spatial Information Services

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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|--------------------------------|---|
| 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 organisational 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 organisational requirements. |
| | 3.3 Check and finalise spatial documents according to task requirements. |
| | 3.4 Complete and record documentation according to organisational 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

Companion volumes to this training package are available at the VETNet website -
<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, 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
- organisational policies and procedures relating to:
 - work health and safety (WHS)
 - data privacy, copyright and/or licensing.

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