



Australian Government

CPPSSI3021 Visually interpret image data

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 CPPSIS3021 Visually interpret image data.

Application

This unit specifies the skills and knowledge required to visually interpret image data to identify the basic features of the landscape, including land cover such as vegetation, roads, railways, buildings, bodies of water and terrain forms. Image data may be digital or in hard copy and may include aerial and terrestrial photographs and satellite images.

This unit is suitable for surveying or spatial information services assistants working under supervision. They 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 (WHS) legislation and regulations 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 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 Identify image and | 1.1 Confirm organisational requirements for accessing and |
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ancillary data.	formatting image data.
	1.2 Select appropriate software to assist visual interpretation.
	1.3 Clarify task and image data requirements to be accessed and interpreted.
	1.4 Identify and report constraints in using different types of image data.
	1.5 Determine suitability of images provided to meet task requirements.
	1.6 Select ancillary data that can be used to assist visual interpretation of image.
2 Identify basic landscape features.	2.1 Use simple analogue and digital tools to assist with visual interpretation.
	2.2 Interpret image data using principles of interpretation and ancillary data to identify natural and artificial landscape features.
	2.3 Calculate scale and measure objects from an image and ancillary data.
3 Document basic landscape features.	3.1 Record details of image features using standard proformas and according to task and organisational requirements.
	3.2 Present interpreted results to appropriate persons.
	3.3 Store data according to data privacy, licensing and 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 CPPSIS3021 Visually interpret image data.

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 CPPSSI3021 Visually interpret image data

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Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by visually identifying three instances of the following from both an aerial and terrestrial photograph or image:

- buildings
- rail lines
- roads
- topography
- different landforms
- vegetation
- bodies of water.

Knowledge Evidence

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

- types of image data used in spatial applications
- properties of image data and types of ancillary data
- principles and methods of visual image interpretation
- basic formulas used to calculate scale relating to image data
- landscape features that can be identified from image data
- organisational policies and procedures relating to:
 - accessing and formatting image data
 - data privacy and licensing.

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:

- documentation relating to data privacy and licensing
- suitable image data.

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