



Australian Government

Assessment Requirements for CPPSSI4026 Digitally enhance and process 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 CPPSIS4026 Digitally enhance and process image data.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by using remote sensing or geographic information system (GIS) applications to digitally enhance, process and classify image data for two projects:

- one project with a built environment focus
- and
- one project with a natural environment focus.

Images may include:

- digital aerial photographs
- digital terrestrial images
- images from an unmanned aerial vehicle (UAV)
- satellite images.

Knowledge Evidence

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

- sources of image data
- basic properties and characteristics of image data used in spatial applications
- image classification techniques used in remote sensing, including unsupervised classification algorithms
- spectral properties of images and key features of spectral signatures
- techniques for enhancing image display, including contrast stretches and common band combinations
- organisational guidelines relating to equipment use, work health and safety (WHS), and accessing and formatting image data and copyright.

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 with image enhancement functionality
- organisational policies and procedures relating to:
 - WHS
 - data privacy, copyright and licensing.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>