



Australian Government

Assessment Requirements for CPPSSI5064 Conduct complex spatial data analysis

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 CPPSIS5064 Coordinate GIS data manipulation and analysis.

Performance Evidence

To demonstrate competency a candidate must meet the performance criteria of this unit by conducting spatial data manipulation and analysis for two different projects:

- one project must be a vector-based project
- one project must be raster-based project.

Both projects must involve complex multi-stage analysis that will be used to inform decision-making.

Knowledge Evidence

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

- sources of spatial information
- spatial querying and browsing techniques for obtaining information from data
- vector and raster analysis techniques
- univariate statistics for spatial data
- methods of verifying integrity of data
- data reduction and manipulation techniques
- types of spatial data formats
- methods for creating layers on maps.

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 appropriate for manipulating geographic information system (GIS) 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>