Assessment Requirements for CPPSSI5043 Design spatial data storage systems

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 CPPSIS5043 Design spatial data storage systems.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by designing two different spatial data storage systems to meet client needs. One of the spatial data storage systems must incorporate a relational database.

Knowledge Evidence

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

- software applications to access and store data
- types of storage media for a range of spatial data, including cloud technology
- data storage and retrieval methods
- querying and browsing techniques for obtaining information from databases
- data obtained from global navigation satellite system (GNSS) and geographic information system (GIS) sources
- key features of spatial reference systems
- spatial data formats
- spatial data classification and indexing systems.

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 appropriate software
- digital data storage media
- organisational policies and procedures relating to 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=6f3f9672-30e8-4835-b348-205dfcf13d9b