



Australian Government

Assessment Requirements for CPPBDN5101 Produce digital 3-D models of building designs

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 11.0.

Supersedes and is equivalent to CPPBDN5012A Produce and present 3-D models of small-scale building designs. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by producing digital 3-D models of two different building designs. Designs must include:

- one residential project
- one commercial or industrial project of up to 2,000m² floor area.

Knowledge Evidence

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

- relevant legislation, codes and standards
- workplace and building design project requirements
- client requirements for building design
- architectural styles:
 - terminology
 - objects
 - views
 - notation
- building design data
- contextual and site constraints
- design drawing and representation methods
- functions and operation of 3-D modelling software programs including display controls.

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. This includes access to:

- technical references and software manuals
- computer with internet access, 3-D modelling and portable document format software.

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>