



Australian Government

**Assessment Requirements for
CPCCOM3001 Perform construction
calculations to determine carpentry
material requirements**

Release: 2

Assessment Requirements for CPCCOM3001 Perform construction calculations to determine carpentry material requirements

Modification History

Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.6.

Typographical error corrected in Performance Criteria 3.3.

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

New unit.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by analysing the drawings and specifications for a building with a minimum of 6 rooms, including a kitchen and bathroom and linear external lining, and preparing a detailed list of materials and calculated quantities of each material for:

- wall and roof framing
- internal lining and flooring
- external cladding and roofing.

Knowledge Evidence

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

- types of equipment required for planning and performing measurements and calculations and their characteristics, uses and limitations, including calculators
- methods of using formulas to calculate the area/volume of the following in a construction environment:
 - rectangles
 - squares
 - circles
 - triangles
 - trapeziums
 - cubes
 - cylinders

- methods of converting measurements in metres to millimetres and measurements in millimetres to metres
- methods of accurately determining dimensions of materials for construction projects by scaling requirements from drawings and specifications.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation reflecting workplace conditions and standards, materials, equipment, activities, responsibilities, procedures, safety requirements and environmental considerations.

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>