

Title	Calculate quantities and estimate costs for joinery work		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: <ul style="list-style-type: none"> – calculate quantities of trade components; – estimate joinery costs of labour and materials; and – prepare a draft quotation for joinery work.
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Classification	Joinery > Joinery Core Skills
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Available grade	Achieved
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Guidance Information

1 Legislation relevant to this unit standard includes the Health and Safety at Work Act 2015; available from www.legislation.govt.nz, and any subsequent amendments and replacements.

2 **Assessment**

Evidence for this unit standard must reflect commercial competence; the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Evidence must also reflect commercial standards; the verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

This unit standard must be assessed under the supervision of a commercially competent practitioner in workplace conditions that reflect:

- commercial standards, current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

3 **Definitions**

Joinery work refers to the work, job, or project relevant to joinery, cabinetry, doors and windows, stairs, bench tops, shop fitting, and specialty surfaces.

Workplace requirements refer to the documented procedures specific to a workplace which set out the standard and the required practices of that workplace. This may include job specifications, procedures, practices, manufacturer recommendations, technical data sheets and material safety data sheets.

Outcomes and performance criteria

Outcome 1

Calculate quantities of trade components for joinery work.

Performance criteria

- 1.1 Working drawings, specifications, and measurements are used to determine individual quantities of trade components.
- 1.2 Total quantities of trade components are calculated.
- 1.3 Material quantity requirements are recorded in a schedule of quantities.

Outcome 2

Estimate joinery costs of labour and materials for joinery work.

Performance criteria

- 2.1 Schedule of quantities is used to calculate materials costs.
- 2.2 Working drawings and specifications are used to estimate labour hours.
- 2.3 Calculated estimated labour costs are recorded in the schedule of quantities.

Outcome 3

Prepare a draft quotation for joinery work.

Performance criteria

- 3.1 Documentation is selected to prepare a draft quotation in accordance with company template.
- 3.2 Quotation is prepared, and content is checked by a supervisor.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 August 1995	31 December 2013
Review	2	16 August 1995	31 December 2013
Review	3	21 October 1997	31 December 2013
Revision	4	20 December 1999	31 December 2013
Review	5	28 June 2005	31 December 2013
Review	6	23 January 2009	31 December 2015
Review	7	24 October 2014	31 December 2025
Rollover	8	17 September 2015	31 December 2025
Rollover and Revision	9	28 June 2018	31 December 2025
Review	10	30 March 2023	N/A

Consent and Moderation Requirements (CMR) reference

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangaAraRau.nz if you wish to suggest changes to the content of this unit standard.