

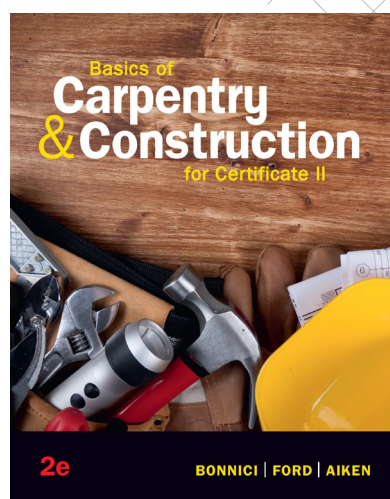
Basics of Carpentry and Construction for Certificate II

2e by Daniel Bonnici and Alister Ford ©2021

Pack ISBN: 9781743768150 AU\$99.95

e-book ISBN: 9781743767511 AU\$69.95

Basics of Carpentry and Construction is developed specifically for Certificate II Carpentry, Building and Construction pre-apprenticeship and Certificate II Construction pathways, and addresses all 18 core units and up to 11 electives. This resource maps to both the Victorian training CII carpentry and construction qualification and the new national CPC construction pathways CII, ensuring the most comprehensive training package coverage.



Features

- A strong visual design containing **hundreds of illustrations**, numbered headings and feature boxes
- Written in **clear direct language**, complemented by engaging **YouTube videos, interactives and animations**
- Appeals to pre-vocational students, helping them understand complex topics

New

- **Updated Trade Calculations chapter** to have more contextualised mathematics applicable to carpentry and construction trades
- **Chapter sequence** in the table of contents is now **more aligned** to the order of learning
- **New online chapter:** Prepare for Work in the Building and Construction Industry
- **Online content** covering masonry, bricklaying and concreting

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CHAPTERS:	VICTORIA UNITS:	UNIT OF COMPETENCY:	UNIT OF COMPETENCY NAME:
1. Work health and safety	CPCCOHS2001A	CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
2. Workplace communication	CPCCCM1014A	CPCCCM1014A	Conduct workplace communication
3. Trade calculations	CPCCCM1015A	CPCCCM1015A	Carry out measurements and calculations
4. Trade drawings	VU22015	CPCCCM2001A	Read and interpret plans and specifications
5. Sustainability in construction	CPCCCM1012A	CPCCCM1012A	Work effectively and sustainably in the construction industry
6. Carpentry Hand Tools	VU22022	CPCCCA2002B	Use carpentry tools and equipment
7. Timber joints	N/A	N/A	N/A
8. Construction fastenings and adhesives	N/A	N/A	N/A
9. Carpentry Power tools	VU22022	CPCCCA2002B	Use carpentry tools and equipment



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CHAPTERS:	VICTORIA UNITS:	UNIT OF COMPETENCY:	UNIT OF COMPETENCY NAME:
10. Site setting out and basic levelling	CPCCCM2006 VU22023	CPCCCA3023A CPCCCA3002A	Carry out levelling operations Carry out setting out
11. Subfloor and flooring	VU22024	CPCCCA3003A	Install flooring systems
12. Wall framing	VU22025	CPCCCA3004A	Construct wall frames
13. Basic roofing	VU22026	CPCCCA3007C	Construct pitched roofs
14. The hip and valley roof	VU22026	CPCCCA3007C	Construct pitched roofs
15. Restricted height and scaffolding and work platforms	VU22016	CPCCCM2008B	Erect and dismantle restricted height scaffolding
16. External cladding	VU22027	CPCCCA3017B	Install exterior cladding
17. Installation of windows and doors	VU22028	CPCCCA3010A	Install and replace windows and doors
18. Internal linings and fixing	VU22029	CPCCCA3013A	Install lining, paneling and molding
19. Concreting to simple forms	VU22031	CPCCCO2013A	Carry out concreting to simple forms
20. Carryout demolition	VU22030	CPCCCA3001A	Carry out general demolition of minor building structures
21. Prepare for work in the building and construction industry	VU22014	N/A	

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