



**Australian Government**

# **CPC20211 Certificate II in Construction Pathways**

**Release 3**

# CPC20211 Certificate II in Construction Pathways

## Modification History

Revised qualification deemed equivalent to CPC20211

- minor editorial changes to clarify elective packaging rules, without changing intent
- elective units updated:
  - CPCCJN2002A to current equivalent version (CPCCJN2002B Prepare for off-site manufacturing process)
  - CPCCST2002A to current non-equivalent version (CPCCST2006A Identify and use stone products)

## Description

This qualification provides a pathway to the primary trades in the construction industry with the exception of plumbing. Trade outcomes are predominantly achieved through an Australian Apprenticeship and this Certificate II allows for inclusion of skills suited for entry to off-site occupations, such as joinery and shopfitting as well as carpentry, bricklaying and other occupations in general construction.

This Certificate II is designed to introduce learners to the recognised trade callings in the construction industry and provide meaningful credit in a construction industry Australian Apprenticeship.

The qualification has core unit of competency requirements that are required in most Certificate III qualifications. The elective options are structured to allow choice from areas of trade skills as an introduction to a range of occupations.

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context.

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (ASCC 2007) is required before entering a construction work site. Achievement of unit CPCCOHS1001A covers this requirement.

## Pathways Information

Not Applicable

## **Licensing/Regulatory Information**

Not applicable.

## **Entry Requirements**

Not Applicable

## Employability Skills Summary

### Employability skill      Industry/enterprise requirements for this qualification include:

- Communication**
- Communicates with clients, colleagues and others using effective and appropriate communication techniques, including:
    - Clear and direct communication
    - Active listening
    - Verbal and non-verbal language
    - Questioning to identify and confirm requirements
    - Language and concepts appropriate to cultural differences
  - Follows instructions from supervisor and other relevant persons
  - Understands, interprets and applies information as required from:
    - Environmental and work health and safety (WHS) requirements, including safety data sheets (SDS)
    - Plans, drawings and specifications
    - Schedules
    - Industry-specific resources, such as Moh's scale
    - Load tables
    - Safety signs and symbols
    - Organisational policies and procedures
  - Understands relevant definitions, terminology, symbols, abbreviations and language
  - Records relevant information using standard workplace documentation
  - Applies measurements and calculations using appropriate equipment, formulas and records as required
  - Reports and records hazards and risks
- Teamwork**
- Works as part of a team
  - Provides assistance and encouragement to other team members
  - Initiates and encourages improvements in team performance
  - Identifies and uses the strengths of other team members
  - Relates to people from diverse social, cultural and ethnic backgrounds and with varying physical and mental abilities
  - Participates in on-site meetings
- Problem solving**
- Examines tools and equipment prior to use for damage, missing components or other defects

<b>Employability skill</b>	<b>Industry/enterprise requirements for this qualification include:</b> <ul style="list-style-type: none"><li>• Identifies typical faults and problems and takes remedial action and/or reports to supervisor</li><li>• Rectifies simple faults with tools and equipment</li><li>• Identifies methods of prevention and control for water penetration</li></ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"><li>• Identifies opportunities to improve resource efficiency and makes suggestions as appropriate</li><li>• Responds to change and workplace challenges</li><li>• Puts ideas into action</li><li>• Maximises use of resources by recycling, re-using or using appropriate disposal methods</li></ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"><li>• Identifies hazards and implements appropriate hazard control measures</li><li>• Selects and uses appropriate materials, tools and equipment</li><li>• Determines material quantity requirements and checks for conformity to requirements</li><li>• Prioritises and sequences tasks</li><li>• Applies time management skills to ensure work is completed to time requirements</li></ul>
<b>Self management</b>	<ul style="list-style-type: none"><li>• Evaluates own actions and makes judgements about performance and necessary improvements</li><li>• Contributes to workplace responsibilities, such as current work site environmental/sustainability frameworks or management systems</li><li>• Manages own performance to meet workplace standards</li><li>• Seeks support to improve work performance</li><li>• Cleans up work area, including tools and equipment</li></ul>
<b>Learning</b>	<ul style="list-style-type: none"><li>• Identifies own learning needs and seeks skill development as required</li><li>• Is open to learning new ideas and techniques</li></ul>
<b>Technology</b>	<ul style="list-style-type: none"><li>• Uses calculators</li><li>• Uses and operates a range of tools and equipment correctly and safely</li><li>• Properly starts up, operates and shuts down equipment</li></ul>

**Employability skill**      **Industry/enterprise requirements for this qualification include:**

- Carries out pre- and post-operational checks on equipment and machines
- Performs tool and equipment maintenance as required

## Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

12 units of competency:

- 6 core units
- 6 elective units.

The elective units are to be chosen as follows:

- no less than 4 units and up to 6 units from Groups A to G, with no less than 2 units from any individual group
- up to 2 units from Group H
- 1 unit may be chosen from Certificate I or II qualifications in CPC08 or another current Training Package or accredited course, provided the integrity of the AQF alignment is ensured, and they contribute to a valid, industry-supported vocational outcome.

The wide range of electives is drawn from Certificate III units of competency in CPC08 Construction, Plumbing and Services Training Package. Units of competency from Plumbing and Services qualifications are not available, as there are different plumbing and services pathways to Certificate III outcomes.

Some units in this qualification may have prerequisite requirements, which must be met when packaging the qualification. Users are referred to the list of CPC08 units with prerequisite unit requirements available in this Training Package for this purpose.

### Core units

CPCCCM1012A	Work effectively and sustainably in the construction industry
CPCCCM1013A	Plan and organise work
CPCCCM1014A	Conduct workplace communication
CPCCCM1015A	Carry out measurements and calculations
CPCCCM2001A	Read and interpret plans and specifications

CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry

### **Elective units**

#### ***Group A: Brick and blocklaying***

CPCCBL2001A Handle and prepare bricklaying and blocklaying materials

CPCCBL2002A Use bricklaying and blocklaying tools and equipment

#### ***Group B: Carpentry***

CPCCCA2002B Use carpentry tools and equipment

CPCCCA2003A Erect and dismantle formwork for footings and slabs on ground

CPCCCA2011A Handle carpentry materials

#### ***Group C: Solid plastering***

CPCCCSP2001A Handle solid plastering materials

CPCCCSP2002A Use solid plastering tools and equipment

CPCCCSP2003A Prepare surfaces for plastering

***Group D: Wall and floor tiling***

- CPCCWF2001A Handle wall and floor tiling materials
- CPCCWF2002A Use wall and floor tiling tools and equipment
- CPCCWF3001A Prepare surfaces for tiling application

***Group E: Waterproofing***

- CPCCWP2001A Handle waterproofing materials
- CPCCWP2002A Use waterproofing tools and equipment
- CPCCWP2003A Prepare for construction waterproofing process
- CPCCWP2004A Prepare surfaces for waterproofing application

***Group F: Joinery and shopfitting***

- CPCCJN2001A Assemble components
- CPCCJN2002B Prepare for off-site manufacturing process
- CPCCSH2001A Prepare surfaces

***Group G: Stonemasonry***

- CPCCST2001A Prepare for stonemasonry construction process
- CPCCST2003A Finish stone
- CPCCST2006A Identify and use stone products



***Group H: General elective units***

CPCCCM2004A	Handle construction materials
CPCCCM2006B	Apply basic levelling procedures
CPCCCM2009A	Carry out basic demolition
CPCCCM2010B	Work safely at heights
CPCCCO2013A	Carry out concreting to simple forms
CPCCJN3001A	Use static machines
RIICCM210A	Install trench support
RIIOHS205A	Control traffic with stop-slow bat
RIIWMG203A	Drain and dewater civil construction site