



**Australian Government**

# **CPC20211 Certificate II in Construction Pathways**

**Release 5**

# CPC20211 Certificate II in Construction Pathways

## Modification History

Version Comment

- 1 Revised qualification deemed equivalent to CPC20211
- 2 minor editorial changes to clarify elective packaging rules, without changing intent
- 3
  - 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)
- 4 Update superseded imported units from elective list with equivalent current unit for:
  - RIICCM210A to RIICCM210D
  - RIIWMG203A to RIIWMG203D
  - RIIOHS205A to RIIWHS205D

This version released with CPC08 Version 9.3.
- 5 This version released with CPC08 Construction and Property Services 9.9.  
The following unit was deleted as directed by the IRC June 2021.
  - CPCCJN2002B Prepare for off-site manufacturing process

## 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

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

- 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
- Identifies typical faults and problems and takes remedial action and/or reports to supervisor
- Rectifies simple faults with tools and equipment
- Identifies methods of prevention and control for water penetration

**Initiative and enterprise**

- Identifies opportunities to improve resource efficiency and makes suggestions as appropriate
- Responds to change and workplace challenges
- Puts ideas into action
- Maximises use of resources by recycling, re-using or using appropriate disposal methods

**Planning and organising**

- Identifies hazards and implements appropriate hazard control measures
- Selects and uses appropriate materials, tools and equipment
- Determines material quantity requirements and checks for conformity to requirements
- Prioritises and sequences tasks
- Applies time management skills to ensure work is completed to time requirements

**Self management**

- Evaluates own actions and makes judgements about performance and necessary improvements
- Contributes to workplace responsibilities, such as current work site environmental/sustainability frameworks or management

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

- systems
  - Manages own performance to meet workplace standards
  - Seeks support to improve work performance
  - Cleans up work area, including tools and equipment
- 
- Identifies own learning needs and seeks skill development as required
  - Is open to learning new ideas and techniques
- 
- Uses calculators
  - Uses and operates a range of tools and equipment correctly and safely
  - Properly starts up, operates and shuts down equipment
  - 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***

CPCCB2001A	Handle and prepare bricklaying and blocklaying materials
CPCCB2002A	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***

CPCCSP2001A	Handle solid plastering materials
CPCCSP2002A	Use solid plastering tools and equipment
CPCCSP2003A	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
CPCCSH2001A	Prepare surfaces

***Group G: Stonemasonry***

CPCCST2001A	Prepare for stonemasonry construction process
CPCCST2003A	Finish stone

CPC CST2006A 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

RIICCM210D Install trench support

RIIWHS205D Control traffic with stop-slow bat

RIIWMG203D Drain and dewater civil construction site