

# CPC32420 Certificate III in Plumbing

## DESCRIPTION

This is a trade qualification for plumbers in residential, industrial and commercial workplaces who are responsible for assembling, installing and maintaining water services, sanitary plumbing and sanitary drainage, gas, roofing and mechanical services in both existing and new constructions.

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

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required before entering a construction work site. Achievement of CPCCWHS1001 Prepare to work safely in the construction industry meets this requirement.

This is a licenced occupation. State and territory jurisdictions may have different licensing, legislative, regulatory or certification requirements. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

## ELIGIBILITY/ENTRY REQUIREMENTS

To ensure you have the right skills and support to succeed in your course, a Language, Literacy and Numeracy (LL&N) evaluation helps identify any areas where you may need additional support to help you achieve your goals.

To gain entry into CPC32420 Certificate III in Plumbing, candidates require:

- To be an Apprentice who has entered a Training Contract with their employer and Australian Apprenticeship Support Network NT.

## DELIVERY DETAILS

Location(s)	Duration*	Study mode
Casuarina Campus Alice Springs Campus	11 x 2 weeks, and, 1 x 3-week Blocks over 3 to 4 years	Face to face and online

\* Duration will vary depending on how long a student takes to reach the required competency level.

## 2023 FEES

The 2023 indicative fee for this course is \$3,951.50 for eligible students and receive an NT domestic subsidised place or \$22,580.00 for Domestic Full fee places. Actual fees will vary according to your choice of units.

Please note: A limited number of NT Government subsidy places are available for eligible NT domestic students, so contact us now to secure your place for 2023.

Fees are subject to change annually. Indicative government-subsidised and full course fees are shown on this document. For further clarification and information on fees, payment options, instalment plans, and refunds, contact CDU on 1800 061 963 or refer to [VET Fees and Payments](#).

## ASSESSMENT

Assessments vary with each unit. You will be provided with an assessment guide.

## RECOGNITION OF PRIOR LEARNING (RPL)

RPL is a process that determines whether the skills, knowledge and experience you've gained through your previous study, work or life experience can count towards a vocational training qualification at CDU. For more information, [VET RPL](#).

## RESOURCES

Students are issued with learning materials and handouts relevant to each unit during their scheduled block.

Students will need to purchase the following national standards and codes:

- AS/NZS3500 Plumbing and drainage (Complete set)
- HB39 Installation code for metal roofing and wall cladding
- AS/NZS 5601.1 Gas installations - General installations
- AS/NZS 5601.2 Gas Installations - LP Gas installations in caravans and boats for non-propulsive

## STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include but are not limited to eligibility to apply for a Journeyman license. During Journeyman status, you are able to enrol in CPC40920 Certificate IV Plumbing and Services to gain eligibility for Advanced Tradesman Licence.

Students will need to apply for Provisional gas fitter license when undertaking any live gas fitting work.

Possible occupations relevant to this qualification include:

- Plumber
- Plumber and drainer
- Plumber and gasfitter
- Gasfitter
- Roof plumber
- Mechanical services plumber

## QUALIFICATION CONTENT

To achieve this Qualification a total of fifty-eight (58) units of competency must be completed comprising forty-three (43) core and fifteen (15) elective units as detailed in the packaging rules and listed below. The electives offered may vary between campuses.

### CORE UNITS

CPCPCM2012*	Work safely at heights
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2040*	Read plans, calculate quantities and mark out materials
CPCPCM2041	Work effectively in the plumbing services sector
CPCPCM2043	Carry out WHS requirements

CPCPCM2045*	Handle and store plumbing materials
CPCPCM2046*	Use plumbing hand and power tools
CPCPCM2047*	Carry out levelling
CPCPCM2048*	Cut and join sheet metal
CPCPCM2054*	Carry out simple concreting and rendering
CPCPCM2055*	Work safely on roofs
CPCPCM3021*	Flash penetrations through roofs and walls
CPCPCM3022*	Weld polymer pipes using fusion method
CPCPCM3023*	Fabricate and install non-ferrous pressure piping
CPCPCM3024	Prepare simple drawings
CPCPCM3025*	Install trench support
CPCPDR2021*	Locate and clear blockages
CPCPDR2025*	Install stormwater and sub-soil drainage systems and drain work site
CPCPDR2026*	Install prefabricated inspection openings and inspection chambers
CPCPDR3021*	Plan layout and install below ground sanitary drainage systems
CPCPDR3023*	Install on-site domestic wastewater treatment plants and disposal systems
CPCPFS3031*	Fabricate and install fire hydrant and hose reel systems
CPCPGS3048*	Install gas pressure control equipment
CPCPGS3049*	Install gas appliance flues
CPCPGS3051*	Purge consumer piping
CPCPGS3053*	Disconnect and reconnect Type A gas appliances
CPCPGS3054*	Calculate and install natural ventilation for Type A gas appliances
CPCPGS3056*	Size and install consumer gas piping systems
CPCPGS3059*	Install LPG storage of aggregate storage capacity up to 500 litres
CPCPGS3061*	Install and commission Type A gas appliances
CPCPSN3011*	Plan the layout of a residential sanitary plumbing system and fabricate and install sanitary stacks
CPCPSN3022*	Install discharge pipes
CPCPWT3020*	Connect and install storage tanks to a domestic water supply
CPCPWT3021*	Set out and install water services
CPCPWT3022*	Install and commission water heating systems and adjust controls and devices
CPCPWT3025*	Install water pumpsets
CPCPWT3026*	Install and fit off sanitary fixtures, water services and adjust water service controls
CPCPWT3027*	Install backflow prevention devices
CPCPRF2023*	Collect and store roof water
CPCPRF3022*	Fabricate and install roof drainage systems
CPCPRF3023*	Fabricate and install external flashings
CPCPRF3024*	Install roof components
HLTAID011	Provide first aid

## ELECTIVE UNITS

CPCCCM2008*	Erect and dismantle restricted height scaffolding
CPCPCM2049*	Cut mild steel using oxy-acetylene equipment
CPCPWT3028*	Install property service

RIIWHS202E*	Enter and work in confined spaces
CPCPWT3029*	Install water pipe systems
CPCPWT3024*	Install and maintain domestic water treatment equipment
CPCPGS3052*	Maintain Type A gas appliances
CPCPGS3055*	Install gas sub-meters
CPCPGS3046*	Install LPG systems in caravans, mobile homes and mobile workplaces
CPCPSN3025*	Install pre-treatment facilities
CPCPSN3026*	Install sewerage pumpsets
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCPWT4022*	Commission and maintain backflow prevention devices
UEERL0004*	Disconnect - reconnect composite appliances connected to low voltage (LV) installation wiring
UEERL0005*	Locate and rectify faults in low voltage (LV) electrical equipment using set procedures

**Note: Units marked \* have Pre-requisite requirements**

## WITHDRAWING FROM A QUALIFICATION

You may withdraw from this qualification and receive, where relevant, a Statement of Attainment for all units of competency you have successfully completed.

## SUPPORT SERVICES

The University supplies support for students in many areas, including Accommodation, Careers and Employability, Counselling, Disability Services, Student Advocacy, Indigenous Tutorial Support Services, International Student Support Services, Library Services, and VET Learner Support Services.

More information is available at [Student Support](#).

## CONTACT DETAILS

E. [student.central@cdu.edu.au](mailto:student.central@cdu.edu.au)  
 T. 1800 061 963 (free call)  
 W. <https://www.cdu.edu.au/study/essentials>

For further information regarding student life at CDU, please refer to <https://www.cdu.edu.au/study/student-life>.