

# 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.

## ELIGIBILITY/ENTRY REQUIREMENTS

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

- a valid training contract with AANNT.

## DELIVERY DETAILS

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

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

## 2022 FEES

The 2022 indicative fee for this course is \$3,951.50 for students who are eligible and receive an NT Domestic Subsidised place or \$22,580 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 2022.

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 a CPC32420 Certificate III in Plumbing 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 Units marked with a \* have pre-requisites

CPCCCM2012	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 Units marked with a \* have pre-requisites**

<b>Group A</b>	
CPCCCM2008	Erect and dismantle restricted height scaffolding *
CPCPCM2049	Cut using oxy-Acetylene equipment *
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCPWT3028	Install property service *
RIIWHS202E	Enter and work in confined spaces
CPCPWT3029	Install water pipe systems *
CPCPWT3024	Install and maintain domestic water treatment facilities *
CPCPWT4022	Commission and maintain backflow prevention devices *
<b>Group B</b>	
CPCPGS3052	Maintain Type A gas appliances *
CPCPGS3055	Install gas sub-meters *
CPCPGS3046	Install LPG systems in caravans, mobile homes and mobile workplaces *
UEERL0004	Disconnect reconnect composite appliances connected to LV installation wiring *
<b>Group C</b>	
CPCPSN3025	Install pre-treatment facilities *
CPCPSN3026	Install sewerage pumpsets *
UEERL0005	Locate and rectify faults in LV composite appliances using set procedures *

#### **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>.