



APPRENTICESHIP PROGRAM: Sanitary Plumbing **Certificate III in Plumbing (CPC32413)**

Employers make a significant investment in apprentices, therefore the Plumbing course provided at The Service Trades College Australia is far more than just a training program. It is an opportunity for apprentices to gain all the skills and industry knowledge they need to embark on a successful career path.

COURSE OVERVIEW

The best and brightest apprentices will be attracted by the proactive practical elements of this apprenticeship program. Participants will gain skills in the use of new industry technologies and equipment with support from leading manufactures and trainers. This qualification provides competencies in installing pipes, fixtures and gas regulators; installing pumps, gas appliances, water tanks, water heaters and water heating systems. In addition to training which is specifically tailored for the commercial sector, eligible employers and apprentices will receive a range of additional benefits. The most significant of these is the reimbursement to employers for the additional four weeks of training time for apprentices.

ONCE ENROLLED, ELIGIBLE APPRENTICES WILL RECEIVE:

- An iPad with access to online course content and electronic log book
- Uniforms—Shirts
- Access to apprentice mentors
- Four weeks employee wage reimbursement

ELIGIBILITY

Students must be employed as an apprentice in the relevant industry and have signed up through an Australian Apprenticeship Support Network provider (AASN) stating The Service Trades College Australia as the Supervising Registered Training Organisation (SRTO).

Credit Transfer (CT) and Recognition of Prior Learning (RPL) are two ways that a student may obtain credit towards their program of study.

KEEP TRAINING AND STAY AHEAD

Graduating apprentices will be eligible for a provisional Plumber's Licence.

TERMS AND CONDITIONS APPLY

COST:

QLD Apprentices under 21 years of age will not be required to pay student contribution fees.

Eligible apprentices that meet the Queensland state funding requirements will be charged a students contribution fee of \$1.60 per nominal hour. The total qualification fee is \$1667.20.

NSW apprentices who are funded under Smart and Skilled, and who commence subsidised training on or after 1 July 2018, are eligible for free training.



DURATION & DELIVERY MODE

Duration

QLD- Block training typically consists of College attendance three times a year for two weeks each time Monday to Friday (7am –3pm).

NSW- Day release training typically consists of College attendance for 30 –36 weeks a year (7am –3pm).

Face to face learning

Training is delivered at our state of the art PICAC Beenleigh Training Centre, QLD and PICAC Glenwood Training Centre, NSW. Both Training Centres provide simulated work environments that provide dynamic and practical learning in a safe setting.

CONTACT US

For full details, see training courses tab on the website www.theservicetradescollege.com.au

For general enquires:

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Po Box 354, Beenleigh QLD 4207

INDUSTRY OWNED—PREMIUM TRAINED



The qualification, Certificate III in Plumbing (Sanitary) will be awarded after successful completion of the following Units of Competency:

The units marked with an asterisk (*) are clustered into groups and all assessments within a group are conducted concurrently. Students must complete **all** work in the cluster to achieve an assessment outcome.

Foundation Skills 1:

- ***CPCPCM2041A** Work effectively in the plumbing and service sector
- ***CPCPCM2039A** Carry out interactive workplace communication
- CPCPCM2043A** Carry out WHS requirements
- ***CPCPCM2045A** Handle and store plumbing materials
- ***CPCPCM2046A** Use plumbing hand and power tools
- HLTFA211A** Provide basic emergency life support (CEPUTEC RTO: 4612)
- CPCCOHS2001A** Apply OHS requirements, policies and procedures in the construction industry
- CPCCCM3001C** Operate elevated work platforms (CEPUTEC RTO:4612)
- CPCPM2055A** Work safely on roofs (CEPUTEC RTO: 4612)

Foundation Skills 2:

- CPCPCM2040A** Read plans and calculate plumbing quantities
- ***CPCPCM2048A** Cut and join sheet metal
- ***CPCPCM2049A** Cut using oxy-LPG / Acetylene equipment
- ***CPCPCM2050A** Mark out materials
- ***CPCPCM2052A** Weld using oxy-acetylene equipment
- ***CPCPCM2053A** Weld using metal arc welding equipment

Stage 3—Water 1:

- CPCPM3023A** Fabricate and install non-ferrous pressure piping
- ***CPCPWT3020A** Connect and install storage tanks to a domestic water supply
- ***CPCPWT3021A** Set out and install water services
- ***CPCPWT3022A** Install and adjust water service controls and devices
- ***CPCPWT3023A** Install and commission water heating systems
- ***CPCPWT3024A** Install and maintain domestic water treatment equipment
- ***CPCPWT3026A** Fit off and commission heated and cold water services

Stage 4—Water2

- CPCPFS3031A** Fabricate and install fire hydrant and hose reel systems
- CPCPFS3038A** Test and maintain fire hydrants and hose reel installations
- CPCPRF2023A** Collect and store roof water
- CPCPWT3025A** Install water pumpsets
- CPCPWT3027A** Connect irrigation systems from drinking water supply

Stage 5—Roofing

- ***CPCPCM3021A** Flash penetrations through roof and walls
- ***CPCPRF2022A** Select and install roof sheeting and wall cladding
- ***CPCPRF3022A** Fabricate and install roof drainage components
- ***CPCPRF3023A** Fabricate and install external flashings
- ***CPCPRF3026A** Install composite roof systems

Stage 6—Sanitary

- ***CPCPSN3011B** Plan layout of a residential sanitary plumbing system
- ***CPCPSN3022A** Install discharge pipes
- ***CPCPSN3023A** Fabricate and install sanitary stacks
- ***CPCPSN3024A** Install and fit off sanitary fixtures
- CPCPCM3022A** Weld polyethylene and polypropylene pipes using fusion method

Stage 7—Drainage 1

- CPCPCM2047A** Carry out levelling
- CPCPCM2054A** Carry out simple concreting and rendering
- RIICCM210A** Install trench support
- CPCPDR2021A** Locate and clear blockages
- CPCPDR2026A** Install prefabricated inspection openings and enclosures
- CPCPDR3021A** Plan layout of a residential sanitary drainage system

- CPCPDR3022A** Install below ground sanitary drainage

Stage 8—Drainage 2

- CPCPDR2022A** Install domestic treatment plants
- CPCPDR2023A** Maintain effluent disinfection systems
- CPCPDR2024A** Install stormwater and sub-soil drainage systems
- CPCPDR2025A** Drain work site
- CPCPDR3023A** Install on-site disposal systems
- CPCPSN3025A** Install pre-treatment facilities

Stage 9—Gas 1

- CPCPGS3051A** Purge consumer piping
- CPCPGS3052A** Maintain Type A gas appliances
- CPCPGS3053A** Disconnect and reconnect Type A gas appliances
- CPCPGS3054A** Calculate and install natural ventilation for Type A gas appliances
- CPCPGS3055A** Install gas sub-meters
- CPCPGS3056A** Install gas piping systems
- CPCPGS3057A** Size consumer gas piping systems
- CPPGS3061A** Install and commission Type A gas appliances

Stage 10—Gas 2

- CPCPGS3046A** Install LPG systems in caravans, mobile homes and mobile workplaces
- CPCPGS3047A** Install LPG systems in marine craft
- CPCPGS3048A** Install gas pressure control equipment
- CPCPGS3049A** Install Type A gas appliance flues
- CPCPGS3059A** Install LPG storage of aggregate storage capacity of up to 500 litres
- CPCPGS3060A** Install LPG storage of aggregate storage capacity exceeding 500 litres but less than 8KL