

# Certificate III in Plumbing

COURSE CODE	CPC32413
LOCATIONS	Warrnambool
STUDY MODE	Full-time, Apprenticeship
Length	Four years
Commencement	Start any time
Timetable	27 one-week blocks over three years. 8am -5pm each day except Friday (3pm finish) Plus workplace training

## Course Overview

*This section gives you an introduction to what you will be learning in this course, plus course outcomes, career opportunities, and student support.*

### Study from home during COVID-19 restrictions

Whilst we pride ourselves on our hands-on training, we have had to adjust most of our courses for study from home and remote learning during the COVID-19 restrictions. This means courses will be delivered using a range of methods including online learning, virtual classrooms, workbooks and direct contact with your teacher.

Given the government restrictions that are now in place to reduce the spread of coronavirus in Australia, we expect this new model of study will continue until the government makes changes to these restrictions.

## Introduction

There are lots of career opportunities for apprentice plumbers, within the building industry and also as sole traders.

This course allows you to gain knowledge and skills to work in the plumbing industry including work in roof plumbing, sanitary and drainage, hot cold and warm water, gas fitting, mechanical plumbing, irrigation and fire protection.

The course includes hands-on experience with theory and practical components, which will assist you while you are employed as an apprentice plumber.

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. Completion of unit *Work Safely In The Construction Industry (CPCCOHS1001A)* in this use course meets this requirement.

## What will I Learn?

During this course, you will gain the essential skills and knowledge to specialise in:

- water, including hot and cold pipework installations, and hot water service installations
- sanitary, including fixture installation, above-ground pipe work
- drainage, including trench support installation, laying below ground drains, septic tanks installation, stormwater system installation
- gas fitting, including pipework and appliance installation, commissioning, purging
- fire hydrant and sprinkler systems
- urban irrigation systems
- roofing, including roof and wall coverings, flashings and penetrations, rainwater tank installation

## Course Outcomes and Career Opportunities

- General Plumbing
- Drainage
- Gasfitting
- Roof Plumbing
- Water Supply
- Mechanical Services (Heating and Ventilation)

## Pathways

Further study is available to anyone who wishes to undertake the Certificate IV in Plumbing Services. On successful completion of the course, students can apply to the Plumbing Industry Commission for licensing assessment. This will be a requirement if you intend to operate a plumbing business.

# Course Requirements

*This section gives you an overview of entry requirements, course units and electives, skills recognition, and assessment criteria.*

## Entrance requirements & pre-requisites

Applicants must be employed as an apprentice plumber to enrol in this course..

## Apprenticeship/Traineeship Entry Requirements

You need to be employed in this field before commencing this course. If you are currently **not** employed in this field please contact the Skills and Jobs Centre for further advice on 1300 648 911.

## Units offered

### Core Units

Unit Code	Unit Name	Unit Hours	Unit Consumables
CPCCCM2008B	Erect and dismantle restricted height scaffolding	40	\$0.00
CPCCCM2010B	Work safely at heights	8	\$0.00
CPCCCM3001C	Operate elevated work platforms	32	\$0.00
CPCCOHS2001A	Apply OHS Requirements, Policies And Procedures In The Construction Industry	20	\$0.00
CPCCWHS1001	Prepare to work safely in the construction industry	6	\$70.00
CPCPCM2039A	Carry out interactive workplace communication	10	\$0.00
CPCPCM2040A	Read plans and calculate plumbing quantities	8	\$0.00
CPCPCM2041A	Work effectively in the plumbing and services sector	15	\$0.00
CPCPCM2043A	Carry out WHS requirements	50	\$0.00
CPCPCM2045A	Handle and store plumbing materials	6	\$0.00

CPCPCM2046A	Use plumbing hand and power tools	40	\$0.00
CPCPCM2047A	Carry out levelling	6	\$0.00
CPCPCM2048A	Cut and join sheet metal	8	\$0.00
CPCPCM2049A	Cut using oxy-LPG-acetylene equipment	8	\$0.00
CPCPCM2050A	Mark out materials	20	\$0.00
CPCPCM2052A	Weld using oxy-acetylene equipment	16	\$0.00
CPCPCM2053A	Weld using manual metal arc welding equipment	16	\$0.00
CPCPCM2054A	Carry out simple concreting and rendering	16	\$0.00
CPCPCM2055A	Work safely on roofs	20	\$0.00
CPCPCM3021A	Flash penetrations through roofs and walls	18	\$0.00
CPCPCM3022A	Weld polyethylene and polypropylene pipes using fusion method	8	\$0.00
CPCPCM3023A	Fabricate and install non-ferrous pressure piping	12	\$0.00
CPCPDR2021A	Locate and clear blockages	8	\$0.00
CPCPDR2022A	Install domestic treatment plants	20	\$0.00
CPCPDR2023A	Maintain effluent disinfection systems	4	\$0.00
CPCPDR2024A	Install stormwater and sub-soil drainage systems	15	\$0.00
CPCPDR2025A	Drain work site	5	\$0.00
CPCPDR2026A	Install prefabricated inspection openings and enclosures	4	\$0.00
CPCPDR3021A	Plan layout of a residential sanitary drainage system	8	\$0.00
CPCPDR3022A	Install below ground sanitary drainage systems	30	\$0.00
CPCPDR3023A	Install on-site disposal systems	8	\$0.00
CPCPFS3031A	Fabricate and install fire hydrant and hose reel systems	40	\$0.00
CPCPFS3037A	Install domestic and residential life safety sprinkler systems	60	\$0.00
CPCPGS3046A	Install LPG systems in caravans, mobile homes and mobile workplaces	12	\$0.00
CPCPGS3047A	Install LPG systems in marine craft	12	\$0.00
CPCPGS3048A	Install gas pressure control equipment	8	\$0.00
CPCPGS3049A	Install gas pressure control equipment	12	\$0.00
CPCPGS3050A	Install Type B gas appliance flues	4	\$0.00
CPCPGS3051A	Purge consumer piping	8	\$0.00

CPCPGS3052A	Maintain Type A gas appliances	12	\$0.00
CPCPGS3053A	Disconnect and reconnect Type A gas appliances	16	\$0.00
CPCPGS3054A	Calculate and install natural ventilation for Type A gas appliances	8	\$0.00
CPCPGS3056A	Install gas piping systems	24	\$0.00
CPCPGS3057A	Size consumer gas piping systems	8	\$0.00
CPCPGS3059A	Install LPG storage of aggregate storage capacity up to 500 litres	22	\$0.00
CPCPGS3060A	Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL	4	\$0.00
CPCPGS3061A	Install and commission Type A gas appliances	30	\$0.00
CPCPIG2021A	Design domestic urban irrigation systems	5	\$0.00
CPCPIG3021A	Set out, install and commission irrigation systems	4	\$0.00
CPCPIG3022A	Install and commission domestic irrigation pumps	4	\$0.00
CPCPMS2021A	Assemble mechanical services components	12	\$0.00
CPCPMS3031A	Fabricate and install steel pressure piping	54	\$0.00
CPCPMS3032A	Select and fit insulation and sheathing	8	\$0.00
CPCPMS3033A	Install small bore heating systems	15	\$0.00
CPCPMS3034A	Install medical gas pipeline systems	24	\$0.00
CPCPMS3035A	Install and test ducting systems	12	\$0.00
CPCPMS3036A	Install air handling units	12	\$0.00
CPCPMS3037A	Install and test split system air conditioning	15	\$0.00
CPCPMS3038A	Install air conditioning control equipment	8	\$0.00
CPCPMS3039A	Maintain mechanical services equipment	8	\$0.00
CPCPMS3040A	Install and maintain evaporative air cooling systems	20	\$0.00
CPCPRF2022A	Select and install roof sheeting and wall cladding	16	\$0.00
CPCPRF2023A	Collect and store roof water	10	\$0.00
CPCPRF3021A	Receive roofing materials	4	\$0.00
CPCPRF3022A	Fabricate and install roof drainage components	48	\$0.00
CPCPRF3023A	Fabricate and install external flashings	16	\$0.00
CPCPRF3024A	Install roof components	10	\$0.00
CPCPRF3025A	Install roof coverings to curved roof structures	12	\$0.00

CPCPRF3026A	Install composite roof systems	20	\$0.00
CPCPSN3011B	Plan layout of a residential sanitary plumbing system	8	\$0.00
CPCPSN3022A	Install discharge pipes	28	\$0.00
CPCPSN3023A	Fabricate and install sanitary stacks	28	\$0.00
CPCPSN3024A	Install and fit off sanitary fixtures	20	\$0.00
CPCPSN3025A	Install pre-treatment facilities	8	\$0.00
CPCPSN3026A	Install sewerage pumpsets	8	\$0.00
CPCPWT3020A	Connect and install storage tanks to a domestic water supply	12	\$0.00
CPCPWT3021A	Set out and install water services	36	\$0.00
CPCPWT3022A	Install and adjust water service controls and devices	12	\$0.00
CPCPWT3023A	Install and commission water heating systems	25	\$0.00
CPCPWT3024A	Install and maintain domestic water treatment equipment	10	\$0.00
CPCPWT3025A	Install water pumpsets	8	\$0.00
CPCPWT3026A	Fit off and commission heated and cold water services	16	\$0.00
CPCPWT3027A	Connect irrigation systems from drinking water supply	6	\$0.00
CPCPWT3028A	Install water service	10	\$0.00
CPCPWT3029A	Install water pipe systems	12	\$0.00
HLTFA211A	Provide Basic Emergency Life Support	8	\$40.00
RIICCM210A	Install Trench Support	16	\$0.00
UEENEEE101A	Apply Occupational Health And Safety Regulations, Codes And Practices In The Workplace	20	\$0.00
UEENEEJ102A	Prepare and connect refrigerant tubing and fittings	40	\$0.00
UEENEEJ105A	Position, assemble and start up single head split air conditioning and water heating heat pump systems	70	\$0.00
UEENEEJ172A	Recover, pressure test, evacuate, charge and leak test refrigerants - split systems	60	\$0.00

## Assessment

This course involves accredited units. You will be required to complete assessment tasks to demonstrate your underpinning knowledge, skills and attributes to meet the course outcomes. A combination of written, oral and practical assessment strategies will be used in either a classroom, online or workplace environment.

Where units require demonstration of skills in a workplace environment, you will have the opportunity to do this either in your own workplace (where appropriate), through a practical placement, or by using one of the Institute's simulated workshops/classrooms. Detailed information about the types, conduct and dates of assessments will be provided in advance. You will also be provided with information about the opportunity for

reassessment and appeal.

## After applying

Once you have applied for your chosen course, you will receive a thank you email from South West TAFE with a few steps to help process your enrolment.

### Complete a Pre-Training Review

You will receive an email to complete a Pre-Training Review online evaluation. This evaluation helps us tailor your training to suit your needs.

### Create or provide a Unique Student Identifier (USI)

A USI is a nationally recognised reference number that provides an online record of your training qualifications gained in Australia.

[Create your USI](#)

Already have a USI but can't remember it? [Find your USI](#)

### Skills recognition

If you have experience or prior qualifications, you may be eligible to apply for [recognition of prior learning](#) and gain credits. You will be asked to provide any relevant Statement of Attainment to support identified credits.

## Fees

*This section gives you an overview of course fees, subsidies, and how they can be paid.*

## Course Fees

**Here's an outline of fees and costs associated with your course.**

**Your fees each year can be made up of 3 different elements.** Everyone has different circumstances that can affect what you pay and how much you pay. :

1. Tuition fees - charged as an hourly rate that varies from course to course. A large portion of the tuition is subsidised by the Victorian Government for eligible students.
2. Resource and/or materials costs - covers the cost of materials and other incidentals. This fee will vary according to the course being undertaken.
3. Booklist items - such as textbooks, equipment and stationery recommended for your course

## Tuition fees

**There are 4 different rates of tuition fees.** Only one will apply to you (depending on your eligibility and circumstances).

1. Government Subsidised Fee - you could be eligible for a government-subsidised rate under the Skills First funding depending on your age, educational history, and citizenship or residency status. If you are eligible, the government will contribute to the cost of your training.  
[Find out more about subsidised training](#)
2. Government Subsidised Concession Fee - If you are eligible for a Skills First government-subsidised place and hold a current healthcare or pension card, that you can provide at enrolment, you may be eligible for the concession rate. Note, the concession rate is not applicable to Diploma level courses.  
[Find out more about concession rates](#)
3. Free TAFE - Students who are eligible for Victorian government-subsidised training will not pay course tuition fees for the duration of their enrolment in this course, however, there may be some consumable/material fees for the course (find out more below). Any resource or material costs, or booklist items for this course are listed in the table below.  
[Find out more about Free TAFE](#)
4. Full fee - If you are not eligible for a Skills First government-subsidised place, exemption, concession or are enrolling in a course that isn't government-subsidised, you may be required to pay the full fee rate.

**[FIND OUT MORE ABOUT FEES AND ELIGIBILITY](#)**

The fees listed below are indicative only. The student tuition fees as published are subject to change given individual circumstances at enrolment. Funding made available to eligible individuals by State and Commonwealth Governments. If funding is utilised, this may affect future opportunities to access additional funding in the future.

Course fees by student type	Indicative Course Fee
Government subsidised rate (if eligible)	\$5,865.00
Concession rate	\$1,175.00
Full fee rate (if not eligible for govt subsidy)	\$21,105.00

  

Additional course fees	Indicative Course Fee
Course consumable/materials (approximate)	\$282.00

## Resource and/or materials costs

Some courses require specific resources or materials necessary for your study eg: tools of the trade, excursions, etc. Final costs will be determined upon enrolment.

## Booklist

Your course may require you to purchase additional materials or books (eg uniform, stationery, textbooks). Some of these items are optional and some are mandatory, however, you are able to choose where to purchase these items from (including second hand).

You can download the booklist for this course here: <https://www.swtafe.edu.au/media/2611/cpc32413-certificate-iii-in-plumbing.pdf>

## How do I pay my fees?

Once we have processed your enrolment form, you will receive an email with your invoice.

You have [three options when organising your payment](#):

1. [Upfront payment](#) - can be made over the phone with EFTPOS
2. [Payment plan](#) - can be directly debited from your bank account, debited from your Centrelink payments or via a [VET Student Loan](#) (for diploma or advanced diploma courses only)
3. [Paid by employer, school or job network agency](#) - if your fees are being paid by your employer, school or job network agency, you will need to complete an Authority to Invoice form.

Payments will need to be arranged within five(5) business days of receiving the email containing your invoice.

We also offer a range of [scholarships](#) each year which you may be eligible to apply for to assist with course fees.

## Next Steps

*Ready to take the next step? Here you can make an enquiry, attend an information session or begin the application process.*

## How to apply for an apprenticeship or traineeship

There are five simple steps to apply for an apprenticeship or traineeship with us.

1. **Find a job** - find a job as an apprentice or trainee through an Apprenticeship Centre or Group Training Company.
2. **Register** - register with an Australian Apprenticeship Support Network (AASN) and nominate SWTAFE as your training provider (your employer will usually do this for you).
3. **Complete a pre-training review** - SWTAFE staff will contact you to organise your Pre-Training Review once your AASN contract registration is complete.
4. **Enrol** - complete the enrolment form provided to you and provide your identification.
5. **Sign** - once you've completed your enrolment form and verified your identification you will receive your student declaration form to review and sign. You can sign this digitally via your smartphone, computer or tablet.

If need any assistance with applying, [contact our Customer Service team](#) on 1300 648 911 or [visit your nearest campus](#).

## Careers and Course Advice

Not sure which course is right for you? South West TAFE will help you find your way.

Our Careers Coaches at the [Skills and Jobs Centre](#) is here to support you. Whether you're exploring career options, transitioning from school to the workforce or looking to study after school we're here to help you.

## Student Support

As a SWTAFE student, you can access a variety of support services that will enhance your study experience and help you complete your studies successfully. For more information about any of these services, [visit our student page](#).