



MILDURA SENIOR COLLEGE  
a pathway to the future

# Plumbing

## 22304VIC Certificate II in Plumbing (Pre-Apprenticeship)



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# Program Details

This course is designed for students aspiring to enter the plumbing industry as a trainee or apprentice. This is a pre-employment course and is regarded as the most suitable way to gain employment in the plumbing industry.

Students will be issued a Certificate or Certificate upon successful completion of the units of competence outlined below. SuniTAFE is responsible for issuing qualifications and statements of attainment associated with this course, credited towards VCE or VCAL.

This program is delivered one day per week at SuniTAFE.

## Year 1

CPPCCOHS1001A	Work safely in the construction industry
VU21797	Use basic plumbing hand tools
VU21798	Use basic power tools
VU21789	Apply basic sheet metal practices
VU21794	Prepare to work in the plumbing industry
VU21795	Use and Apply basic levelling equipment for plumbing
CPCCCM1015A	Carry out measurements and calculations
VU21793	Perform basic oxy-acetylene welding and cutting
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCCCM2001A	Read and Interpret plans and specifications

## Year 2

CUVACD303A	Produce technical drawings
HLTAID002	Provide basic emergency life support
CPCPCM2039A	Carry out interactive workplace communications
VU21796	Use basic electric welding equipment and techniques
VU21790	Cut and penetrate building materials and structures
VU21799	Use Plumbing pipes, fittings and fixtures to simulate plumbing installations
VU21791	Fabricate simple plumbing pipe systems
BSBWRT301	Write simple documents
VU21792	Identify career pathways in the plumbing industry





# Program Content

## Techniques & practical skills that students learn include:

- The knowledge, skills, and competency that will enhance their training and employment prospects in the Plumbing industry
- A broad-based underpinning competencies in a range of plumbing skills such as using plumbing tools, equipment and materials, using plumbing pipes, fittings and fixtures to simulate plumbing installations and reading plans and specifications, which will prepare them for entry-level employment in the industry through an apprenticeship
- Knowledge of a range of occupations at the plumbing trade level enabling graduates to make informed choices in the selection of vocational career paths
- Knowledge of industry terminology and welding equipment
- Social and interpersonal skills relevant to participation in the plumbing industry by integrating general competencies as part of the course curriculum.



# Structured Workplace Learning

## Recommended

Structured workplace learning complements the training undertaken during class time. It provides the context for:

- Enhanced skill development
- Practical application of industry knowledge
- Assessment of units of competency/modules as determined by the RTO
- Increased employment opportunities.







# Contribution to VCE & VCAL

## VCE

Students will receive two VCE VET units at 1 – 2 level, and one VCE VET 3 – 4 sequence.

Students completing an unscored VCE VET program who receive a Units 3 and 4 sequence will be eligible for an increment towards their ATAR.

This will be calculated using 10% of the lowest study score of the primary four.

## VCAL

Contribution to VCAL is determined by the number of units of competence successfully completed.

When a student has been assessed as competent in units totalling 90 nominal hours, this will contribute one VCAL unit towards satisfactory completion of VCAL.

Students can receive up to 4 VCAL credits for VET Plumbing. This program will satisfy learning outcomes for the Industry Specific Skills and Work Related Skills strands of VCAL.



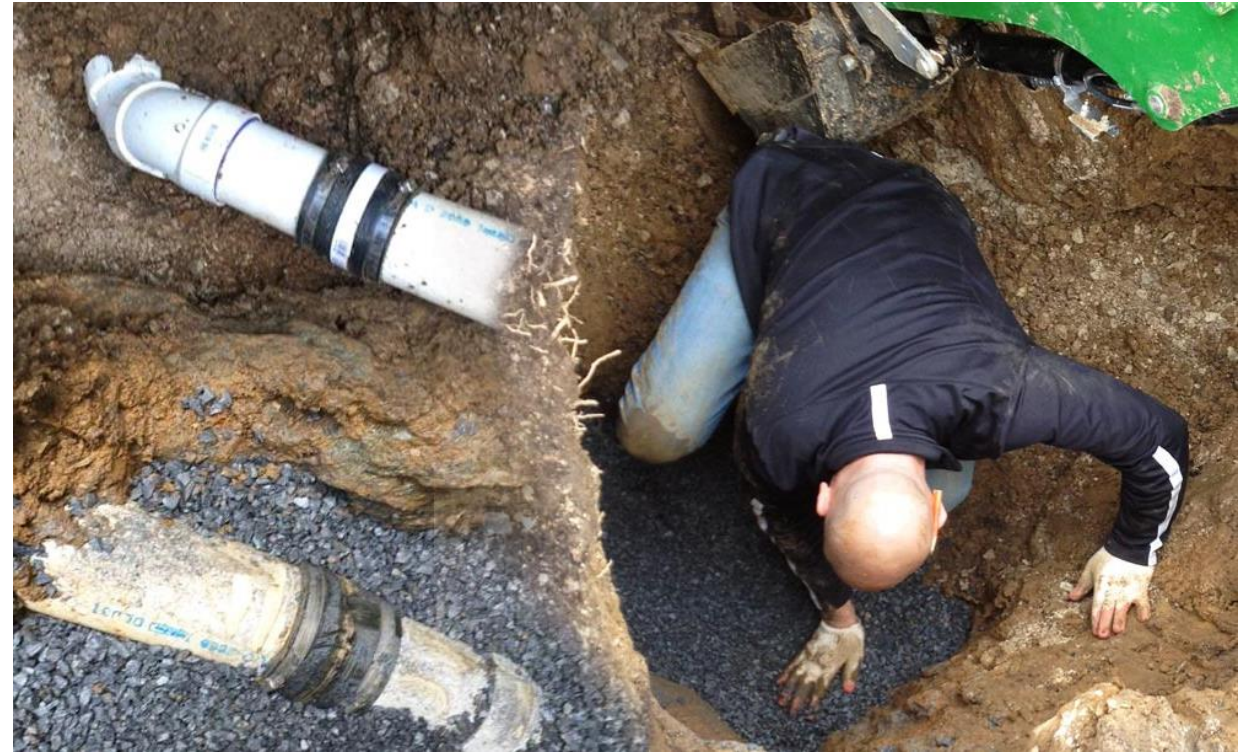
# Study Pathways

- ⇒ Certificate III in Plumbing
- ⇒ Certificate III in Gas Fitting
- ⇒ Certificate III in Roof Plumbing
- ⇒ Certificate IV in Plumbing and Services
- ⇒ Diploma of Plumbing and Services



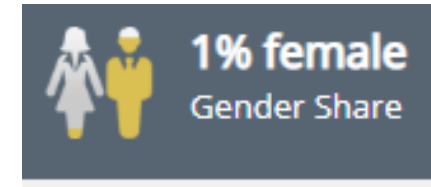
# Future Career Opportunities

- ⇒ Apprentice in the plumbing or building industry
- ⇒ Plumber – Gasfitter
- ⇒ Plumber – Mechanical Services
- ⇒ Air Conditioning Technician
- ⇒ Fire Services Supervisor
- ⇒ Specialist Hydraulic Designer





# Job Outlook in Sunraysia



**PROFILE:** The Region's construction industry is significant, both in residential and commercial markets, comprising a combination of sole traders, small businesses, subcontractors and large corporations. The workforce in construction is very diverse, spanning electricians, plumbers, carpenters, joiners, plasterers, fencers, painters, surveyors, crane operators, riggers, dogman, concreters and related trades workers and technicians.

**OUTLOOK:** The outlook on growth is positive but subject to levels of volatility. While forecast population growth is low, residential construction should continue due to reported shortages of accommodation. Similarly, commercial construction and related infrastructure should remain strong due to high forecast growth in horticulture, manufacturing, transport, healthcare and social assistance.

**SKILLS & TRAINING:** Apprenticeships are the standard pathway to employment in most trades across construction. This is expected to continue with forecast workforce growth.

More generally, employers look for workers that have a **HARDWORKING**, **work well in a team**, **capacity to meet the physical requirements** of their role and can **'provide good customer service'**.  
-Victorian Skills Commissioner Mallee Regional Skills Demand Report 2017



# Get VET



# Job Talks

