

# 2021 Course Information

## 22304VIC CERTIFICATE II in PLUMBING PRE-APPRENTICESHIP

### Description of Course

This course will equip you with the skills and knowledge for entry into an apprenticeship within the plumbing industry. You will be introduced to the basic skills and knowledge that underpin the CPC32413 – Certificate III in Plumbing.

### Activities / Tasks

Your plumbing course will include an introduction to the industry and workplace safety. You will learn from industry professionals how to:

- Use pipes, fittings and fixtures to simulate plumbing installations
- Use basic plumbing hand tools and power tools
- Use basic electric welding equipment and techniques
- Perform basic oxy-acetylene welding and cutting
- Fabricate simple plumbing pipe systems
- Apply basic sheet metal practices

### You will cover topics such as:

- Technical drawings
- Principles of sustainability in the plumbing industry
- Employment opportunities in the plumbing industry
- Basic first aid and the completion of your white card

### Assessment

Assessment is conducted using a combination of project based practical tasks, theory and tests. The assessment of your overall competence at this certificate level will be undertaken by a qualified assessor and your competence judged using all of these tasks. Students will be given a fair and adequate assessment process that include the option of an assessment re-sit.

### Pathways

It is anticipated that students completing the Certificate II in Plumbing Pre – Apprenticeship will be in a position to gain an apprenticeship with an employer in the plumbing industry. Other pathways available to students include:

- Certificate II in Metal Roofing and Cladding
- Certificate III in Plumbing
- Certificate III in Roof Plumbing
- Certificate IV in Plumbing Services
- Diploma of Plumbing and Services

### Career Opportunities

With additional training and experience possible future career opportunities may include work in the following areas/sectors:

- Building supervisors
- Plumbing inspectors
- Hydraulics consultants
- Purchasing officers
- Estimators
- Technical and sales representatives
- Building contract administrators
- Building and construction manager
- Technical teachers

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## COURSE CONTENT

**First Year Students:** Wednesday 8.00am – 12.00pm and 12.30pm – 4.30pm

**Second Year Students:** Friday 8.00am – 12.00pm and 12.30pm – 4.30pm

Code	Unit of Competency	Nominal Hours
<b>FIRST YEAR</b>		
VU21793	Perform basic oxy-acetylene welding and cutting	20
VU21797	Use basic plumbing hand tools	50
VU21798	Use basic power tools	20
HLTAID002	Provide basic emergency life support	12
VU21789	Apply basic sheet metal practices	50
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	20
CPCCOHS1001A	Work safely in the construction industry	6
CUAACD303A	Produce technical drawings	50
CPCCCM1015A	Carry out measurements and calculations	20
VU21795	Use and apply basic levelling equipment for plumbing	8
CPCPCM2039A	Carry out interactive workplace communication	10
<b>FIRST YEAR TOTAL HOURS</b>		<b>266</b>
<b>SECOND YEAR</b>		
BSBWRT301	Write simple documents	30
CPCCCM2001A	Read and interpret plans and specifications	36
VU21792	Identify career pathways in the plumbing industry	30
VU21794	Prepare to work in the plumbing industry	20
VU21796	Use basic electric welding equipment and techniques	20
VU21790	Cut and penetrate building materials and structures	30
VU21791	Fabricate simple plumbing pipe systems	30
VU21799	Use plumbing pipes, fittings and fixtures to simulate plumbing installations	30
<b>SECOND YEAR TOTAL HOURS</b>		<b>226</b>
<b>Total Nominal Hours</b>		<b>492</b>

### Length of the Course

This course runs for two years.

### Auspicing Registered Training Organisation

Box Hill Institute ( RTO No.4687)

### Enrolment Process

Students must apply through their VET Coordinator at their home school and complete the enrolment form at the ONTTC Enrolment/Information evening. **Parents must also complete the online enrolment form for Box Hill Institute before a student can be accepted into the course**