

## 22569VIC Certificate II in Plumbing (Pre-apprenticeship)



The course covers the knowledge and skills to prepare students for an entry into an apprenticeship. There is a strong practical focus and an emphasis on sustainability and safe plumbing principles. A range of units introduce students to basic plumbing knowledge and skills and the opportunity to develop skills for the industry in the plumbing workshop.

### ACTIVITIES/TASKS

During the course, students will be able to complete projects that include:

- Sheet metalwork
- Plumbing fixtures and fittings for domestic and commercial applications
- Technical drawing and plumbing specifications
- Levelling
- Water, sanitary and drainage pipes used in plumbing

### UNITS OF COMPETENCY

Year 1		Year 2	
CPCCWHS1001	Prepare to work safely in the construction industry	HLTAID010*	Provide basic emergency life support
CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry	CPCCCM2001	Read and interpret plans and specifications
VU23051	Prepare to work in the plumbing industry	VU23052	Use and apply basic levelling equipment for plumbing
CPCPCM2039A	Carry out interactive workplace communication	VU23056	Use plumbing pipes, fittings and fixtures to simulate plumbing installations
VU23054	Use basic plumbing hand tools	VU23048	Fabricate simple plumbing pipe systems
VU23055	Use basic power tools	BSBWRT311	Write simple documents
CPCCCM1015	Carry out measurements and calculations	VU23049	Identify career pathways in the plumbing industry
CUAACD303	Produce technical drawings	VU23047	Cut and penetrate building materials and structures
VU23046	Apply basic sheet metal practices	VU23053	Use basic electric welding equipment and techniques
		VU23050	Perform basic oxy-acetylene welding and cutting

\*Students will be enrolled for the first aid unit with 1 SDO TRAINING (RTO Number 41558) and they will deliver the certificates. Their trainers will deliver the unit at NCAT.

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## LENGTH OF COURSE

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This program is delivered to students as a VET in Schools Vocational Major (VM) program for Year 10 or Year 11 commencements. Internal NCAT students can complete the program as a NCAT Pre-apprenticeship student over one year.

External VCE VM students attend for a half day per week (Feb-Nov) over two years and enrol through their home school.

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## ELIGIBILITY & PREREQUISITES

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It is recommended students have a minimum sound achievement of Year 10 Maths and English or equivalent and an aptitude for practical work. If you have individual needs, please contact the college.

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## ASSESSMENT

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The completion of written and observed practical tasks and projects for each unit are assessed using set criteria. Students are given a fair and adequate assessment process that includes multiple opportunities to demonstrate competency.

Students are encouraged to do a minimum of 80 hours Structured Workplace Learning.

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## BENEFITS OF TRAINING

This certificate II course is for students wanting an introduction to the Plumbing/Building industry. It may assist people experiencing difficulties in gaining a full-time apprenticeship.

The course helps students make an informed choice of vocation or career path.

## APPLICATION & ENROLMENT PROCESS

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Students wanting to study full time at NCAT must arrange an interview phone 9478 1333. External students must complete two forms.

1. An Application Form given from home school for approval at the home school level.
  2. An NCAT RTO VET Enrolment Form available from the home school VET coordinator or at [ncat.vic.edu.au](http://ncat.vic.edu.au) or the Northern Melbourne VET Cluster website [nmvc.vic.edu.au](http://nmvc.vic.edu.au)
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## PATHWAYS

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This course provides an excellent foundation and pathways to certificate III courses in Plumbing or other building industry level III qualifications. Following the successful completion of the course you can pursue an apprenticeship or traineeship.

Some of the opportunities available in the Plumbing industry include:

- General -water, drainage, gas fitting, sanitary.
  - Mechanical Service -ventilation, duct fixing, heating/air-conditioning
  - Domestic and commercial plumbing
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## POLICIES

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The NCAT VET and General Student Handbook on our website contains policies and procedures for access, equity, privacy, refunds, student conduct, recognition processes, access to records, complaints & appeals.

For safety reasons there is a NCAT uniform for this course which is not included in the materials cost.

Parents will receive a letter outlining specific details of the uniform and the supplier.

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