

Plumbing

TAFE course enrolment number	1270	Is this course available for school-based trainees?	No
		Is this course available for school-based apprentices?	Yes
VET credential available	Statement of Attainment towards Certificate III in Plumbing (BCP30103)		
BOS course name	Pattern of study	BOS course number	Schools Online entry advice
Plumbing (120 indicative hours)	2 units x 1 year	41111	Enter this course number for either Preliminary (Year 11) or HSC (Year 12)
Plumbing (240 indicative hours)	2 units x 2 years	41113	Enter this course number for both Preliminary (Year 11) and HSC (Year 12)
Plumbing (360 indicative hours)	2 units x 2 years	41113	Enter this course number for both Preliminary (Year 11) and HSC (Year 12)
	or		
	4 units x 1 year	41118	Enter this course number for either Preliminary (Year 11) or HSC (Year 12)
	and		
	2 units x 1 year	41111	Enter this course number for either Preliminary (Year 11) or HSC (Year 12) depending on pattern of delivery
Exclusions	None		
Access including access by students in Stage 5.	In certain circumstances students in Stage 5 may access a Stage 6 VET course while also completing the requirements for the award of the School Certificate. Further information is available on the Board of Studies website at www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html		

HSC unit credit and course requirements

HSC unit credit for VET courses can be accredited to the Preliminary and/or HSC pattern of study.

Plumbing (120 indicative hours)

- accredited for a total of 2 units at the Preliminary and/or HSC level
- attempt units of competency from Groups 1 and/or 2 to a minimum of 120 HSC indicative hours.

Plumbing (240 indicative hours)

- accredited for a total of 4 units at the Preliminary and/or HSC level
- attempt all units of competency from Group 1 and Group 2 units of competency to a minimum of 240 HSC indicative hours.

For school-based apprentices only:

Plumbing (360 indicative hours)

- accredited for a total of 6 units at the Preliminary and/or HSC level
- attempt all units of competency from Groups 1 and Group 2
- mandatory work placement requirements for this course are met through the on-the-job training component of the school-based apprenticeship.

For a course to count towards the HSC program of study students must satisfy the course completion criteria as required by the Board of Studies. Refer to Section 8.4 of the *Assessment, Certification and Examination (ACE) Manual*.

Under some circumstances, students' part-time work in an appropriate workplace may be used to fulfil work placement requirements. Refer to the *Assessment, Certification and Examination (ACE) Manual* or relevant Board of Studies Official Notices for further details.

AQF VET Credential

To attain Certificate III in Plumbing (BCP30103) students must achieve:

- a) all Group 1 units of competency (8 core units)
- b) all Group 2 units of competency (10 core units and 5 elective units)
- c) further core units from the mandatory Water Stream:
 - BCPCM2007A Carry out levelling
 - BCPCM2013A Weld using arc welding equipment
 - BCPCM3001A Flash penetrations through roof and walls
 - BCPCM3002A Weld polyethylene (PE) pipe using fusion method
 - BCPRF2001A Work safely on roofs
 - BCGCO2003A Carry out concreting to simple formsand 1 more elective unit from the mandatory Water Stream.
- d) plus core and elective units of competency of 3 other Streams – Sanitary, Drainage, Mechanical Services, Roofing or Gas Services.

TAFE delivered HSC VET Content Endorsed Course Description (2009)

Course content

Unit code	Unit title	Core (C) or elective (E) for AQF qualification	Prerequisites	Indicative hours for HSC credit
Group 1				
1209A	OHS induction (WorkCover no. 03493)	C	nil	20
BCPCM2003A	Carry out OH&S requirements	C	nil	
BCPCM2001A	Work effectively in the plumbing and services sector	C	nil	15
BCPCM2002A	Carry out interactive workplace communication	C	nil	10
BCPCM2004A	Read plans and calculate plumbing quantities	C	nil	15
BCPCM2005A	Handle and store plumbing materials	C	nil	15
BCPCM2006A	Use plumbing hand and power tools	C	nil	20
BCPCM2010A	Mark out materials	C	nil	15
BCPCM2011A	Apply first aid in the workplace	C	nil	10
Group 2				
BCGCM2003B	Install trench support	E	BCGCM1001B	20
BCPCM2012A	Weld using oxy-acetylene equipment	C	nil	15
BCPCM2008A	Cut and join sheet metal	E	nil	15
BCPCM3003A	Fabricate and install non-ferrous pressure piping	C	nil	15
BCPDR3004A	Install water mains pipe systems	E	nil	15
BCPFS2001A	Connect static storage tanks	E	nil	10
BCPFS3001A	Fabricate and install fire hydrant and hose reel systems	C	nil	35
BCPFS3007A	Install domestic and residential life safety sprinkler systems	C	nil	20
BCPWT3001A	Set out and install water services	C	nil	25
BCPWT3002A	Install and adjust water service controls and devices	C	nil	10
BCPWT3003A	Install and commission water heating systems	C	nil	20
BCPWT3005A	Install water pump sets	C	nil	10
BCPWT3006A	Fit off and commission hot and cold water services	C	nil	10
BCPWT3007A	Connect irrigation systems from drinking water supply	C	nil	5
BCPWT3008A	Install water service	E	nil	10
Total HSC indicative hours				120 – 360

For further information

Refer to the following websites:

www.det.nsw.edu.au/vetinschools/vet/tvet/index.html

www.tafensw.edu.au → Find a course → TVET for schools