

## Plumbing

BOS course name	Pattern of study	BOS course number	Schools Online entry advice
Plumbing (360 hours)	2 units x 2 years	54580 (school/private provider delivered)	Enter this course number for both Preliminary (Year 11) and HSC (Year 12)
	<b>and</b>		
	2 units x 1 year	54581 (school/private provider delivered)	Enter this course number for either Preliminary (Year 11) or HSC (Year 12) depending on the pattern of delivery

<b>AQF VET qualification</b>	Certificate III in Plumbing (BCP30103)
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<b>Minimum work placement</b>	For school-based apprentices mandatory work placement requirements for this course are met through the on-the-job training component of the school-based apprenticeship.
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<b>Exclusions</b>	Plumbing (TAFE NSW CEC) Roof Plumbing (locally designed TAFE NSW delivered course) Plumbing (Urban Irrigation) (locally designed TAFE NSW delivered course)
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### 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 (360 indicative hours)

- accredited for a total of 6 units at the Preliminary and/or HSC level
- attempt the compulsory unit of competency and elective units of competency to a minimum of 340 HSC indicative hours.

To count a course 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*.

### Access including access by students in Stage 5

This course is for students undertaking a school-based apprenticeship.

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](http://www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html)

## Course content

Unit code	Unit title	Unit-specific prerequisite	Core (C) or elective (E) for AQF VET qualification	HSC indicative hours of credit
<b>COMPULSORY</b> Attempt ALL units of competency				
BCPCM2003A	Carry out OH&S requirements	nil	C	20
<b>Total HSC indicative hours for compulsory units of competency</b>				<b>20</b>
<b>ELECTIVE</b> Attempt units of competency to a minimum of 340 HSC indicative hours				
BCF2009B	Carry out load slinging of off-site materials	BCG1002A BCG1005A BCG1011A	E	5
BCG1002A	Plan and organise work	nil	prerequisite	5
BCG1005A	Use hand and power tools	nil	prerequisite	5
BCG1011A	Handle construction materials and safely dispose of waste	nil	prerequisite	5
BCGCM1001B	Follow OH&S policies and procedures	nil	prerequisite	5
BCGCM2008B	Erect and dismantle restricted height scaffolding	BCGCM1001B	E	20
BCGCM3001B	Operate elevated work platforms	BCGCM1001B	E	10
BCGCO2003B	Carry out concreting to simple forms	BCGCM1001B	C	20
BCPCM2001A	Work effectively in the plumbing and services sector	nil	C	15
BCPCM2002A	Carry out interactive workplace communication	nil	C	10
BCPCM2004A	Read plans and calculate plumbing quantities	nil	C	15
BCPCM2005A	Handle and store plumbing materials	nil	C	15
BCPCM2006A	Use plumbing hand and power tools	nil	C	20
BCPCM2007A	Carry out levelling	nil	C	10
BCPCM2008A	Cut and join sheet material	nil	E	15
BCPCM2009A	Cut with oxy-LPG/acetylene	nil	E	10
BCPCM2010A	Mark out materials	nil	C	15
BCPCM2011A	Apply first aid in the workplace	nil	C	10
BCPCM2012A	Weld using oxy-acetylene equipment	nil	C	15

Unit code	Unit title	Unit-specific prerequisite	Core (C) or elective (E) for AQF VET qualification	HSC indicative hours of credit
BCPCM2013A	Weld using arc welding equipment	nil	C	25
BCPCM3001A	Flash penetrations through roofs and walls	nil	C	15
BCPCM3002A	Weld polyethylene (PE) pipe using fusion method	nil	C	5
BCPFS3001A	Fabricate and install fire hydrant and hose reel system	nil	C	35
BCPFS3007A	Install domestic and residential life safety sprinkler systems	nil	C	20
BCPRF2001A	Work safely on roofs	nil	C	15
<b>Total HSC indicative hours</b>				<b>360</b>

### **AQF VET qualification**

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

- a) mandatory water stream (24 core units of competency and 6 elective units of competency)
- b) a minimum of 3 other streams (see qualification packaging rules).