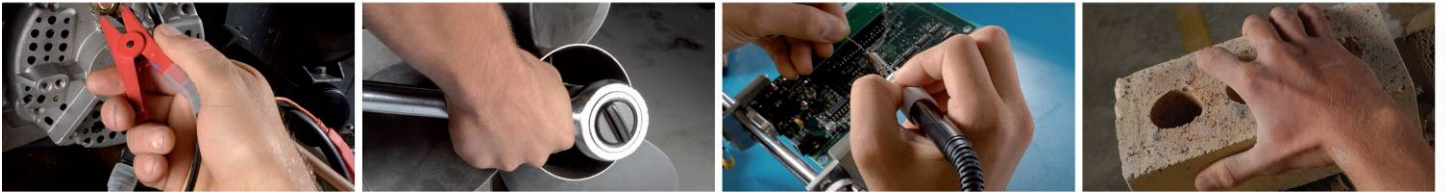


# SkillsTech Australia

Industry's right hand



## CPC40911 Certificate IV in Plumbing Services (Operations) Course for Licensing Students

### Program Description

*CPC40911 Certificate IV in Plumbing and Services (Operations)* is a post-trade course aimed at specialist plumbing services tradespersons and operators seeking to deepen their technical skills and/or qualify for an Open/Full Licence (Plumbers, Drainers, Gasfitters) in Queensland.

### Course Outcomes

On successful completion of specified units from the *CPC40911 Certificate IV in Plumbing and Services (Operations)*, you will be able to satisfy the training requirements set by the Qld Plumbing Industry Council when seeking an Open/Full Plumbing and/or Drainers Licence. The program also satisfies the training requirement for a Gas Work Licence specified by the Chief Inspector, Petroleum and Gas.

### Course Length

The length of your course will depend on the class of licence you are seeking and whether you have credits from other qualifications or are approved for RPL. The length of the course also depends on your background (i.e. previous study, work and life experiences) and work and family commitments. You are able to accelerate your progress by working at a faster rate through the learning materials provided for each of the competencies, although we recommend you only **study 2-3 units at the one time**. Depending upon your work and personal commitments, to complete all 10 units, follow a **12 month or 18 month Study Plan** (refer to pages 3-4).

### Delivery Mode

You may study via campus-based classes (at Acacia Ridge) or online via our learning management system, my.TAFE. Either way, students will work in a supportive environment. Working in this environment means that students work through units progressively while still receiving individual clarification or interaction when necessary or when they encounter difficulties.

Experienced staff, who care and cater for the individual, will provide varying training strategies depending on the content and context of the learning situation.

### Entry Requirements

Entry into *CPC40911 Certificate IV in Plumbing Services (Operations)* will generally follow completion of a trade certificate achieved through a formal training agreement. Plumbing entrants must have completed *CPC32408 Certificate III in Plumbing* (or equivalent qualification) and hold a Provisional Plumbing Licence issued by the Qld Plumbing Industry Council. Drainage applicants must have completed *CPC32408 Certificate III in Plumbing* or *CPC20708 Certificate II in Drainage* (or equivalent qualification) and hold a Provisional Drainers Licence issued by the Qld Plumbing Industry Council. Gas fitting applicants must have completed *CPC32408 Certificate III in Plumbing* (which includes Gas units of competency) or *CPC32708 Certificate III in Gas Fitting* (or equivalent qualification) and hold an Interim Gas Fitting Licence issued by the Petroleum and Gas Inspectorate.

### Assessment

Assessment will be held on a progressive basis. Assessment in the course is competency-based. When you complete each unit's assessment, you will gain one of two results – "J" (Competent) or "M" (Not Competent).

### Recognition of Prior Learning (RPL)

RPL recognises the knowledge/skills already gained from life and work experience. When students apply for RPL they present evidence of their knowledge/skill in all elements of the competency. For information on RPL contact the Recognition Services Team on **1800 654 447** or email [skillstech.recognition@det.qld.gov.au](mailto:skillstech.recognition@det.qld.gov.au)

### Articulation

Students will be entitled to credits in the *CPC40911 Certificate IV in Plumbing Services (Hydraulic Services Design)* course which is a pre-requisite course to the *CPC50609 Diploma of Hydraulic Services Design*.

# CPC40911 Certificate IV in Plumbing Services (Operations) Course for Licensing Students Acacia Ridge Training Centre

## Competency Units

Complete the competency units which are required for your licence type.

- Refer to the *List of Qualifications* required for each type of plumbing and drainage licence on the **Plumbers, Drainers and Fire Occupational Licences** webpage (Qld Plumbing Industry Council) <http://dlgp.qld.gov.au/plumbing/plumbers-drainers-and-fire-occupational-licences.html>
- For the units required for a **Gas Work Licence**, read the *Qld Gas Work Licence Notes 2011* in the **Applying for a Licence** section of the **Domestic Type A Gas Work** webpage (Petroleum and Gas Inspectorate) <http://mines.industry.qld.gov.au/safety-and-health/domestic-type-A-gas-work.htm>

Unit Code	Unit Name	Licence Types			
		Plumber Drainer Gasfitter (10 units)	Plumber Drainer (8 units)	Drainer (6 units)	Gasfitter (4 units)
CPCPCM4001A	Carry out work based risk control processes	✓	✓	✓	✓
CPCPCM4002A	Estimate and cost work	✓	✓	✓	✓
CPCPDR4011A	Design and size sanitary drainage systems	✓	✓	✓	
CPCPSN4011A	Design and size sanitary plumbing systems	✓	✓		
CPCPWT4011A	Design and size heated and cold water services and systems	✓	✓		
CPCPDR4012A	Design and size stormwater drainage systems	✓	✓	✓	
CPCPDR4013A	Design and size domestic treatment plant disposal systems	✓	✓	✓	
BSBSMB401A	Establish legal and risk management requirements of small business	✓	✓	✓	
CPCPGS4011A	Design and size consumer gas installations	✓			✓
QLD300GAS01A	Service and repair Type A gas appliances	✓			✓

The above units may be offered:

- On campus (evenings and via intensive daytime blocks) at the Acacia Ridge Training Centre
- Online
- Via RPL (Recognition of Prior Learning)

**Evening and online classes** are offered each semester. (**Note: Semester 1** starts in *late January/early February* each year and **Semester 2** starts in *early/mid July* each year.) **Intensive daytime blocks** are programmed throughout the semester.

For further information or to enrol:

**Ring:** (07)3244 0383 Matthew or (07)3244 0384 Chris

**Email:** [CommercialPlumbing.Skillstech@deta.qld.gov.au](mailto:CommercialPlumbing.Skillstech@deta.qld.gov.au)

# CPC40911 Certificate IV in Plumbing Services (Operations) Course for Licensing Students Acacia Ridge Training Centre

## Suggested Study Plans

Below are two suggested Study Plans: one to complete your program in **12 Months** and the other over **18 Months**. These Study Plans are based on a student wishing to complete **10 units** to qualify for a Plumbers/Drainers and Gasfitter Open Licence. If you are undertaking less than 10 units, modify the suggested Study Plan to suit your personal situation.



*Your teachers recommend a workload of **no more than 2-3 units at the one time**. You may also choose to progress through your program at a slower pace.*

### 12 Month Study Plan (10 units)

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- Attend campus-based classes **3 nights a week for 2 semesters**
- OR**
- Complete **9 hours** of course work **a week** (online students) **for 2 semesters**

Semester <sup>1</sup>	Campus Class <sup>2</sup>	Units	Weeks per Unit
<b>Your First Semester</b>	Tues	CPCPCM4001A Carry out work-based risk control process	7
		CPCPCM4002A Estimate and cost work	10
	Wed	CPCPDR4011A Design and size sanitary drainage systems	9
		CPCPSN4011A Design and size sanitary plumbing systems	9
Thurs	CPCPWT4011A Design and size heated and cold water services/systems	12	
<b>Your Second Semester</b>	Mon	BSBSMB401A Establish legal, risk management requirements of small business	12
		CPCPDR4012A Design and size stormwater drainage systems	7
	Tues	CPCPGS4011A Design and size consumer gas installation	8
		QLD300GAS01A Service and repair Type A gas appliances <sup>3</sup>	10
	Thurs	CPCPDR4013A Design and size domestic treatment plant disposal systems	6

#### Notes

1. There are 2 semesters in a TAFE academic year: **Semester 1** runs from February-June and **Semester 2** runs from July-December each year. To **start your course**, enrol in the units listed in “**Your First Semester**”, regardless of whether you start in February or July.
2. For each campus class night (and online), the second unit starts after the first unit finishes, e.g. on Tuesday CPCPCM4002A will start after CPCPCM4001A finishes. Some units start immediately after, some won't because you will still have other units running on other nights. This approach will ensure you are studying **no more than 3 units at the one time** per semester and for some weeks you will be studying **2 units only**. Check the *Enrolment Selection Form* or *Enrolment Confirmation Form* for **Start, Assessment Due** and **End Dates**. This applies to all campus-based and online students.
3. QLD300GAS01A Service and repair Type A gas appliances is **not** offered online.

# CPC40911 Certificate IV in Plumbing Services (Operations) Course for Licensing Students Acacia Ridge Training Centre 18 Month Study Plan (10 units)

- Attend campus-based classes **2 nights per week for 3 semesters**

OR

- Complete **6 hours** of course work a week (online students) **for 3 semesters**

18


Semester <sup>1</sup>	Campus Class <sup>2</sup>	Units	Weeks per Unit
Your First Semester	Tues	CPCPCM4001A Carry out work-based risk control process	7
		CPCPCM4002A Estimate and cost work	10
	Thurs	CPCPWT4001A Plan, size and layout hot and cold water services/systems	12
Your Second Semester	Tues	CPCPGS4011A Design and size consumer gas installation	8
		QLD300GAS01A Service and repair Type A gas appliances <sup>3</sup>	10
	Wed	CPCPDR4011A Design and size sanitary drainage systems	9
		CPCPSN4011A Design and size sanitary plumbing systems	9
Your Third Semester	Mon	BSBSMB401A Establish legal, risk management requirements of small business	12
		CPCPDR4012A Design and size stormwater drainage systems	7
	Thurs	CPCPDR4013A Design and size domestic treatment plant disposal systems	6

## Notes

- There are 2 semesters in a TAFE academic year: **Semester 1** runs from February-June and **Semester 2** runs from July-December each year. To **start your course**, enrol in the units listed in “**Your First Semester**”, regardless of whether you start in February or July.
- For each campus class night (and online), the second unit starts after the first unit finishes, e.g. on Tuesday, CPCPCM4002A will start after CPCPCM4001A finishes. Some units start immediately after, some won't because you will still have other units running on other nights. This approach will ensure you are studying **only 2 units at the one time**, although for some weeks you **may study 3 units**. Check the *Enrolment Selection Form* or *Enrolment Confirmation Form* for **Start, Assessment Due** and **End Dates**. This applies to all campus-based and online students.
- QLD300GAS01A Service and repair Type A gas appliances is **not** offered online.

## Plumbing Licence Endorsement Courses for your Open or Provisional Plumbers Licence

Contact our administration staff on **(07)3244 0383** to book a place in:

-  CPCPWT4002A Commission and maintain backflow prevention devices – **Backflow Prevention (BP) Endorsement**
- CPCPWT4003A Commission and maintain hot water temperature control devices – **Thermostatic Mixing Valve (TMV) Endorsement**
- 39272QLD Course in Evaluating and Planning the Installation of Solar and Heat Pump Water Systems – **Solar and Heat Pump Hot Water System Installation Endorsement**