



*Vocational
training for the
fire industry
throughout
Australia*

Contacts

NSW/ACT: (02) 8021 0369

Vic/Tas: (03) 9020 0511

Qld/NT: (07) 3103 5137

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Email: admin@pit.edu.au

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Courses

CPC50509 Diploma of
Fire System Design

BSB51415 Diploma of
Project Management

CPP30811 Certificate III in
Fire Protection Inspection &
Testing

CPP20511 Certificate II in
Fire Protection Inspection &
Testing

Extinguishing Agent
Handling Licence (EAHL)
Courses

Fire Protection Accreditation
Scheme (FPAS) Courses



Pacific Institute of
Technology
RTO ID Number: 40843

CPC50509 Diploma of Fire System Design Information Sheet - 2019

Who is this Diploma for?

This Diploma is for people who aspire to be able to undertake designs and/or annual certification (depending on the stream) of specific fire systems that meet the DTS requirements or 'alternative solutions' of the Building Code of Australia (BCA).

Is the Diploma recognised?

This CPC50509 Diploma of Fire Systems Design is a Nationally Recognised Training course. It is recognised throughout Australia and is equivalent to courses offered by TAFE colleges or industry associations. It allows for Professional Membership of the Australian Fire Association.

What streams are available and what subjects are there?

There are three streams available, Water Based Systems, Detection and Warning Systems and Annual Certifier. You can do a Diploma with ONE or TWO of these streams. You must successfully complete all assessments for 12 subjects (Units of Competencies) on page 2 for a particular stream/s to complete and receive the Diploma.

Are there any prerequisites and enrolment requirements?

There are no formal prerequisites. To enrol you need the following: Access to the BCA and relevant referenced Australian Standards. A laptop with email and internet access, a word processor, spread sheet and CAD software and the ability to use these programs. An A3 printer and an A3 scanner. You may also need to find someone to mentor you.

How will I learn?

Learning is by mixed mode with videos, face to face workshops using the provided learning material, undertaking pre-workshop tasks and undertaking assessments. Undertaking assessments is an essential part of the learning process. There are 16 - 18 half day workshops and these are held in Sydney. Contact us for dates of nearby workshops.

What sort of assessments are there?

Assessments depend on the subject and can include research assignments, observation by an assessor, practical assessments, undertaking design projects and/or annual certification projects, workplace projects and third party reports.

Can I get RPL if I already have the required skills and knowledge?

Yes, your previous learning and current work experience may be used to satisfy all or some of the course requirements by using a Recognition of Previous Learning (RPL) process or alternatively you may undertake the Assessment only option. Contact us for further information.

How long will it take to complete?

The time required will depend on your existing skills and available time to undertake studies. As a guide for someone with limited experience a single stream will take between approximately 590 hours to 670 hours to complete. For Single Stream students the Diploma is delivered over a 12 month period and for Two Stream students the Diploma is delivered over 21 months. The must be completed within 2 years of enrolment.

How much are the course fees are when are they paid? (prices at 01/12/18)

Course fees are shown on page 2.

Course payments are to be made by the following dates

- 1st Payment \$4000 to be paid on enrolment
- 2nd Payment \$4000 to be paid prior to 1st August 2019.
- 3rd Payment \$4000 or remaining course fees to be paid prior to 1st February 2020.
- 4th Payment The balance of fees to be paid prior to 1st August 2020.

NOTE: Fees are per person. Fees are the same for Assessment only or RPL. All fees MUST be paid prior to the Diploma being issued. **Failure to pay fee within 14 days of invoice will result in cancellation of your enrolment with no refund of any fee paid.**

How do I apply to enrol?

Email admin@pit.edu.au for a Pacific Institute of Technology Student Handbook and Enrolment Application Form. Read both documents. Complete the Enrolment Application Form and email to admin@pit.edu.au.

What other information do I need to know?

The PIT Student Handbook contains additional information including but not limited to course fees, payments, enrolments, refunds, substitutions, cancellations, complaints and appeals, training and competency based assessment, being reassessed, RPL, mutual recognition, student welfare, student details privacy, student rights, student responsibilities and OHS.

Am I guaranteed to either receive my qualification or that I will get a job?

Pacific Institute of Technology DOES NOT guarantee that you will receive your qualification only that it will provide training and assessment and DOES NOT guarantee you will get a job nor be admitted into any accreditation scheme.



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CPC50509 Diploma of Fire System Design Information Sheet - 2019

Water Based Stream Subjects (Single Stream)

Price: \$11,000

CPCSF5001A	Define scope and hazard level of fire systems design projects
CPCSF5002A	Research and interpret detailed fire systems design project requirements
CPCSF5005A	Research and evaluate fire system technologies and components
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCSF5003A	Develop plans and methodology for fire systems design projects
CPCSF5006A	Create detailed designs for fire sprinkler systems
CPCSF5007A	Create detailed designs for hydrant and hose reel systems
CPCSF5009A	Create detailed designs for fire systems' water supplies
CPCSF5011A	Provide design documentation and review and support fire system installation processes
CPCSF5013A	Support commissioning processes and finalise fire systems design projects
CPCCBC4012B	Read and interpret plans and specifications
CPCPCM4013A	Produce 2-D architectural drawings using CAD software

Detection and Warning Stream Subjects (Single Stream)

Price: \$10,000

CPCSF5001A	Define scope and hazard level of fire systems design projects
CPCSF5002A	Research and interpret detailed fire systems design project requirements
CPCSF5005A	Research and evaluate fire system technologies and components
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCSF5003A	Develop plans and methodology for fire systems design projects
CPCSF5008A	Create detailed designs for fire detection and warning systems
CPCSF5011A	Provide design documentation and review and support fire system installation processes
CPCSF5013A	Support commissioning processes and finalise fire systems design projects
CPCCBC4012B	Read and interpret plans and specifications
CPCCBC4025A	Manage personal work priorities and professional development
CPCPCM4013A	Produce 2-D architectural drawings using CAD software
CPCPCM4014A	Prepare simple sketches and drawings

Annual Certifier Stream Subjects (Single Stream) – NSW only

Price: \$12,000

(Note: You must be work in NSW and have access to a range of buildings to enrol in this course)

CPCSF5001A	Define scope and hazard level of fire systems design projects
CPCSF5002A	Research and interpret detailed fire systems design project requirements
CPCSF5005A	Research and evaluate fire system technologies and components
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
BSBCUS402	Address customer needs
CPCSF5014A	Conduct annual fire systems certification inspections
CPCSF5015A	Assess documentation for annual fire systems certification inspections
BSBAUD504	Report on a quality audit
CPCCBC4012B	Read and interpret plans and specifications
CPCCBC4025A	Manage personal work priorities and professional development
CPCPCM4013A	Produce 2-D architectural drawings using CAD software
CPCPCM4014A	Prepare simple sketches and drawings

For students enrolling in the Annual Certifier Single Stream, the following units from the Certificate II in Fire Protection Inspection and Testing will also be included for those that do not hold these units:

CPPFES2011A	Install portable fire extinguishers and fire blankets
CPPFES2020A	Conduct routine inspection and testing of fire extinguishers and fire blankets
CPPFES2010A	Inspect and test fire hose reels
CPPFES2026A	Install and test emergency and exit lighting systems
CPPFES2035A	Identify, inspect and test fire and smoke doors
CPPFES2039A	Identify, inspect and test passive fire and smoke containment products and systems

Water Based & Detection and Warning Stream Subjects (Two Stream)

Price: \$14,000

CPCSF5001A	Define scope and hazard level of fire systems design projects
CPCSF5002A	Research and interpret detailed fire systems design project requirements
CPCSF5005A	Research and evaluate fire system technologies and components
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCSF5003A	Develop plans and methodology for fire systems design projects
CPCSF5006A	Create detailed designs for fire sprinkler systems
CPCSF5007A	Create detailed designs for hydrant and hose reel systems
CPCSF5008A	Create detailed designs for fire detection and warning systems
CPCSF5009A	Create detailed designs for fire systems' water supplies
CPCSF5011A	Provide design documentation and review and support fire system installation processes
CPCSF5013A	Support commissioning processes and finalise fire systems design projects
CPCPCM4013A	Produce 2-D architectural drawings using CAD software

Water Based & Annual Certifier Stream Subjects (Two Stream)

Price: \$16,500

(Note: You must be work in NSW and have access to a range of buildings to enrol in this course)

CPCSF5001A	Define scope and hazard level of fire systems design projects
CPCSF5002A	Research and interpret detailed fire systems design project requirements
CPCSF5005A	Research and evaluate fire system technologies and components
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
CPCSF5003A	Develop plans and methodology for fire systems design projects
CPCSF5006A	Create detailed designs for fire sprinkler systems
CPCSF5007A	Create detailed designs for hydrant and hose reel systems
CPCSF5008A	Create detailed designs for fire detection and warning systems
CPCSF5009A	Create detailed designs for fire systems' water supplies
CPCSF5014A	Conduct annual fire systems certification inspections
CPCSF5015A	Assess documentation for annual fire systems certification inspections
CPCCBC4012B	Read and interpret plans and specifications
BSBAUD504	Report on a quality audit