CPC50520 Diploma of Fire System Design Information Sheet - 2024

Who is this Diploma for and is it recognised?

CPC50520 Diploma of Fire Systems Design is a Nationally Recognised Training qualification. It is for people who aspire to be able to undertake designs and/or annual certification (depending on the stream) of specific fire systems to meet the requirements of the Building Code of Australia (BCA). It may meet the educational requirements to obtain accreditation as an Accredited Practitioner Fire Safety or obtain a Fire Protection Design licence.

What subjects are there and what streams are available?

To receive the Diploma, you must successfully complete the 12 subjects (Units of Competencies) on page 2 for that specific stream. There are three streams available –

- Water Based Systems
- Detection and Warning Systems
- Annual Certifier (NSW only)

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 microphone, webcam, email and internet access, a word processor, spread sheet and CAD software and the ability to use these programs. A A3 printer and A3 scanner. You may also need to find someone to mentor you. The Annual Certification stream has additional enrolment requirements (see Page 2).

How will I learn?

The Diploma is delivered in 2 Stages - Stage 1 is the Core Subjects and Stage 2 is the Elective Subjects for a specific Stream. Learning is by mixed mode with using the provided learning material, videos, undertaking pre-workshop tasks, workshops and undertaking assessments (which is an essential part of the learning process. Attendance at 3 - 4 full day face to face workshops held in Sydney AND 3 - 4 full day face to face are via MS Teams and are COMPULSORY. Contact us for dates of workshops.

What sort of assessments are there?

Assessments vary and can include research assignments, project assessments, workplace projects (design and/or annual certification), assessor observation 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 it will take between approximately 590 - 670 hours to complete. Stage 1 - Core Group is delivered over a 3-month period and must be completed within 6 months of enrolment. Stage 2 - Elective Group is delivered over a 9-month period and must be completed within 12 months of enrolment. Students must abide by the Training and Assessment Schedule.

How much are the course fees are when are they paid? (prices at 01/06/21)

Course fees are shown on page 2. Course payments are to be made by the following dates
- Stage 1 Payment $4000 to be paid on enrolment in Stage 1
- Stage 2 – 1st Payment $4000 to be paid on enrolment in Stage 2
- Stage 2 – 2nd Payment $4000 to be paid 3 months after enrolment in Stage 2
- Stage 2 – 3rd Payment $4000 to be paid 6 months after enrolment in Stage 2 (WBS only)

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

How do I apply to enrol?

Enrolments are completed online. You must carefully read this document, the Pacific Institute of Technology Student Handbook and Enrolment Application Form prior to final submission of the enrolment form. Deposits will be refunded for unsuccessful enrolments.

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 a qualification only that it will provide training and assessment, DOES NOT guarantee you will get a job and DOES NOT guarantee you will be admitted into an accreditation scheme nor get a licence.

CPC50520 Diploma of Fire System Design Information Sheet - 2024

Stage 1 - Core Group Subjects – *To be completed by all Streams*

Price: $4,000 (Assessment Only $3500)

This group MUST be completed before enrolling in an Elective Stream Group

CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction
CPCSFS5001	Define scope and hazard level of fire systems design projects
CPCSFS5002	Research and interpret detailed fire systems design project requirements
CPCSFS5005	Research and evaluate fire system technologies and components

Stage 2 - Elective Group – *(Select ONE of the following Streams)*

Elective Group 1 - Water Based Systems Stream Elective Group Subjects

Price: $12,000 (Assessment Only $10,500)

Total Price for Diploma: $16,000 (Assessment Only $14,000)

CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5006	Create detailed designs for fire sprinkler systems
CPCSFS5007	Create detailed designs for hydrant and hose reel systems
CPCSFS5009	Create detailed designs for fire systems' water supplies
CPCSFS5010	Provide documentation and support for fabrication of fire sprinkler systems
CPCSFS5011	Provide design documentation and review and support fire system installation processes
CPCSFS5013	Support commissioning processes and finalise fire systems design projects
CPCPCM4013	Produce 2-D architectural drawings using CAD software

Elective Group 2 - Detection & Warning Stream Elective Group Subjects

Price: $8,000 (Assessment Only $7,500)

Total Price for Diploma: $12,000 (Assessment Only $11,000)

CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5008	Create detailed designs for fire detection and warning systems
CPCSFS5011	Provide design documentation and review and support fire system installation processes
CPCSFS5013	Support commissioning processes and finalise fire systems design projects
CPCCBC4012	Read and interpret plans and specifications
CPCPCM2043	Carry out WHS requirements
BSBTEC201	Use business software applications
CPCPCM4013	Produce 2-D architectural drawings using CAD software

Elective Group 3 - Annual Certifier Stream Elective Group Subjects

Price: $8,000 (Assessment Only $7,500)

Total Price for Diploma: $12,000 (Assessment Only $11,000)

BSBAUD513	Report on quality audits
CPCCBC4012	Read and interpret plans and specifications
CPCSFS5014	Conduct annual fire systems inspections
CPCSFS5015	Prepare documentation for annual fire systems inspections
BSBOPS404	Implement customer service strategies
CPCPCM2043	Carry out WHS requirements
CPCPCM4013	Produce 2-D architectural drawings using CAD software

Plus your choice of One (1) of the following

BSBTEC201	Use business software applications
CPCSFS5003	Develop plans and methodology for fire systems design projects
PUAFIR507	Inspect building fire safety systems (Via Credit Transfer)

Additional enrolment requirements for this stream:

- *You must be working in NSW and be registered or intend to be registered as a Fire Safety Assessor in the FPAS Accreditation Scheme*
- *You must have access to a range of buildings in NSW to undertake annual certification inspections and prepare annual certification documentation including at least one of each of the following buildings:*
  - commercial building
  - factory
  - residential nursing home
  - high-rise building

Additional Elective Groups

After you have completed one Elective Group you may undertake additional streams.

Elective Group 1 - Water Based Systems Stream Elective Group - Price: $8,000

Elective Group 2 - Detection & Warning Stream Elective Group - Price: $4,000

Elective Group 3 - Annual Certifier Stream Subjects Elective Group- Price: $4,000