CPC50509 Diploma of Fire System Design
Information Sheet - 2017

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 and industry organizations.

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 of 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 computer 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 12 - 18 half day workshops and these are held in Sydney and Perth. 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. The Diploma is delivered over a 12 month period and must be completed within 2 years of enrolment.

How much are the course fees when are they paid? (prices at 01/01/17)
For a Diploma with One Stream the course fees are $8,000.
- 1st Payment $4,000 to be paid on acceptance of enrolment
- 2nd Payment $4,000 paid prior to August 1, 2017.
For a Diploma with Two Streams the course fees are $11,000.
- 1st Payment $4,000 to be paid on acceptance of enrolment
- 2nd Payment $4,000 paid prior to August 1, 2017.
- 3rd Payment $3,000 paid prior to December 1, 2017.

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 30 days of invoice will result in cancellation of your enrolment with no refund of 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?
The 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.

Pacific Institute of Technology
RTO ID Number: 40843
CPC50509 Diploma of Fire System Design

Information Sheet - 2017

Water Based Stream Subjects (Single Stream)
CPCSFS5001A Define scope and hazard level of fire systems design projects
CPCSFS5002A Research and interpret detailed fire systems design project requirements
CPCSFS5005A Research and evaluate fire system technologies and components
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCSFS5003A Develop plans and methodology for fire systems design projects
CPCSFS5006A Create detailed designs for fire sprinkler systems
CPCSFS5007A Create detailed designs for hydrant and hose reel systems
CPCSFS5009A Create detailed designs for fire systems' water supplies
CPCBC4012B Read and interpret plans and specifications

Detection and Warning Stream Subjects (Single Stream)
CPCSFS5001A Define scope and hazard level of fire systems design projects
CPCSFS5002A Research and interpret detailed fire systems design project requirements
CPCSFS5005A Research and evaluate fire system technologies and components
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCSFS5003A Develop plans and methodology for fire systems design projects
CPCSFS5008A Create detailed designs for fire detection and warning systems
CPCSFS5011A Provide design documentation and review and support fire system installation processes
CPCSFS5013A Support commissioning processes and finalise fire systems design projects
CPCBC4012B Read and interpret plans and specifications

Annual Certifier Stream Subjects (Single Stream) – NSW only
CPCSFS5001A Define scope and hazard level of fire systems design projects
CPCSFS5002A Research and interpret detailed fire systems design project requirements
CPCSFS5005A Research and evaluate fire system technologies and components
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCSFS5003A Develop plans and methodology for fire systems design projects
CPCSFS5014A Conduct annual fire systems certification inspections
CPCSFS5015A Assess documentation for annual fire systems certification inspections
BSBAUD504B Report on a quality audit

Water Based & Detection and Warning Stream Subjects (Two Stream)
CPCSFS5001A Define scope and hazard level of fire systems design projects
CPCSFS5002A Research and interpret detailed fire systems design project requirements
CPCSFS5005A Research and evaluate fire system technologies and components
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCSFS5003A Develop plans and methodology for fire systems design projects
CPCSFS5006A Create detailed designs for fire sprinkler systems
CPCSFS5007A Create detailed designs for hydrant and hose reel systems
CPCSFS5008A Create detailed designs for fire detection and warning systems
CPCSFS5009A Create detailed designs for fire systems' water supplies
CPCSFS5011A Provide design documentation and review and support fire system installation processes
CPCSFS5013A Support commissioning processes and finalise fire systems design projects
CPCPCM4013A Produce 2-D architectural drawings using CAD software
CPCPCM4014A Prepare simple sketches and drawings

Water Based & Annual Certifier Stream Subjects (Two Stream) – NSW only
CPCSFS5001A Define scope and hazard level of fire systems design projects
CPCSFS5002A Research and interpret detailed fire systems design project requirements
CPCSFS5005A Research and evaluate fire system technologies and components
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCSFS5003A Develop plans and methodology for fire systems design projects
CPCSFS5006A Create detailed designs for fire sprinkler systems
CPCSFS5007A Create detailed designs for hydrant and hose reel systems
CPCSFS5008A Create detailed designs for fire detection and warning systems
CPCSFS5009A Create detailed designs for fire systems' water supplies
CPCSFS5014A Conduct annual fire systems certification inspections
CPCSFS5015A Assess documentation for annual fire systems certification inspections
BSBAUD504B Report on a quality audit
CPCPCM4013A Produce 2-D architectural drawings using CAD software

Detection and Warning Stream & Annual Certifier Stream Subjects (Two Stream) – NSW only
CPCSFS5001A Define scope and hazard level of fire systems design projects
CPCSFS5002A Research and interpret detailed fire systems design project requirements
CPCSFS5005A Research and evaluate fire system technologies and components
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCSFS5003A Develop plans and methodology for fire systems design projects
CPCSFS5006A Create detailed designs for fire detection and warning systems
CPCSFS5007A Create detailed designs for fire systems design projects
CPCSFS5011A Provide design documentation and review and support fire system installation processes
CPCSFS5013A Support commissioning processes and finalise fire systems design projects
CPCSFS5014A Conduct annual fire systems certification inspections
CPCSFS5015A Assess documentation for annual fire systems certification inspections
BSBAUD504B Report on a quality audit
CPCPCM4013A Produce 2-D architectural drawings using CAD software