NSW Design Practitioner - Fire Systems Information Sheet

Vocational training for the fire industry throughout Australia

Contacts

NSW/ACT: (02) 8021 0369

Vic/Tas: (03) 9020 0511

Qld/NT: (07) 3103 5137

WA: (08) 6102 4174

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Courses

CPC50520 Diploma of Fire System Design

CPC32820 Certificate III in Fire Protection

CPP30821 Certificate III in Fire Protection Inspection & Testing

UEE31020 Certificate III in Fire Protection Control

CPP20521 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

Who is this Course for?

This course is for experienced Fire Safety Designers seeking Registration under the Design and Building Practitioners Regulation 2021. Pacific Institute of Technology can provide training and assessment that are required as part of Registration for various Fire Safety Measures. Service NSW/ Fair Trading NSW has additional requirements for achieving Registration which include but not limited to experience requirements, insurance and online courses. For further information contact Service NSW. Pacific Institute of Technology is a training provider and is NOT association with Service NSW.

Is this training recognised?

The subjects (Units of Competency) included in these courses are Nationally Recognised Training are recognised throughout Australia and are equivalent to courses offered by TAFE colleges and industry organizations.

What subjects are there?

See page 2 for Core subjects and specific subjects for each Fire Safety Measure.

What prerequisites/enrolment requirements does this Course have?

There are no formal prerequisites. You also need access to a computer with a printer, email access, a word processor program and the ability to use these items. For Assessment Only Options the participant must provide all systems and/or equipment for assessment.

What skills and knowledge will I have after I complete this Course?

At the completion of this Course you must able to undertake inspection and testing (and installation depending on the units undertaken) of specific fire systems that meet the requirements of the relevant Australian Standards.

How will I learn?

Learning is by various pathways but usually involves face-to-face workshops and pre and/or post workshop activities. Contact us for dates of nearby workshops. There are different pathways that suit different types of participants.

Training and Assessment Options (Note: Not all Options are available for all units)

Blended Learning (both Online & Face-to-Face Training & Assessment) – An option where Training and Assessment is undertaken in both an online and face-to-face environment.

Assessment Only– An option where Assessments are undertaken independently and submitted for assessment. For participants with extensive experience and already possess the required knowledge and skills.

What sort of assessments are there?

Assessment techniques include oral questions, simulated activities, assessor observation, written assessments and practical assessments. For External Training and Assessment and Assessment Only Options the participant must provide all systems and/or equipment for assessment.

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 and how much does it cost?

The time required and price will depend on the units undertaken and your previous experience. Costing can be found below and on page 2. (Prices valid to 01/06/2024)

How much are the course fees are when are they paid?

Course fees are shown on page 2 and 3. (Prices valid to 01/06/2024)

Failure to pay fee 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?

Complete the Online Enrolment Application Form. Pay the course deposit. 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 your qualification only that it will provide training and assessment and DOES NOT guarantee you will get a job. We also do not guarantee you will receive Registration

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Design Practitioner - Fire Systems Pathways

To achieve Registration each Fire Safety Measure has multiple Pathways as listed below.

Design Practitioner - Fire Systems (Detection and Alarm Systems)

Pathway 1

CPC50520 Diploma of Fire Systems Design including the following units

CPCPCM4013	Produce 2-D architectural drawings using CAD software
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

Price: $12,000 (Assessment Only $10,000). Must be completed in 24 months.

For course information and pricing see Detection & Warning System Stream on Pacific Institute of Technology's CPC50520 Diploma of Fire System Design Information Sheet.

Pathway 2

An engineering degree from an Australian university or a qualification under an accredited program and the following units

CPCSFS5001	Define scope and hazard level of fire systems design projects
CPCSFS5002	Research and interpret detailed fire systems design project requirements
CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5005	Research and evaluate fire system technologies and components
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

Price: $11,000 (Assessment Only $9,000). Must be completed in 12 months

Design Practitioner - Fire Systems (Fire Sprinkler Systems)

Pathway 1

CPC50520 Diploma of Fire Systems Design including the following units

CPCPCM4013	Produce 2-D architectural drawings using CAD software
CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5006	Create detailed designs for fire sprinkler 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

Price: $16,000 (Assessment Only $14,000). Must be completed in 24 months.

For course information and pricing see Water Based Stream on Pacific Institute of Technology's CPC50520 Diploma of Fire System Design Information Sheet.

Pathway 2

An engineering degree from an Australian university or a qualification under an accredited program and the following units

CPCSFS5001	Define scope and hazard level of fire systems design projects
CPCSFS5002	Research and interpret detailed fire systems design project requirements
CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5005	Research and evaluate fire system technologies and components
CPCSFS5006	Create detailed designs for fire sprinkler 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

Price: $12,000 (Assessment Only $11,000). Must be completed in 12 months.

Pathway 3

Diploma of Hydraulic Services Design and the following units

CPCSFS5002	Research and interpret detailed fire systems design project requirements
CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5005	Research and evaluate fire system technologies and components
CPCSFS5006	Create detailed designs for fire sprinkler 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

Price: $11,000 (Assessment Only $10,000). Must be completed in 12 months.

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Design Practitioner - Fire Systems (Fire Hydrant and Fire Hose Reel)

Pathway 1

CPC50520 Diploma of Fire Systems Design including the following units

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

Price: $16,000 (Assessment Only $14,000). Must be completed in 24 months.

For course information and pricing see Water Based Stream on Pacific Institute of Technology's CPC50520 Diploma of Fire System Design Information Sheet.

Pathway 2

An engineering degree from an Australian university or a qualification under an accredited program and the following units

CPCSFS5001	Define scope and hazard level of fire systems design projects
CPCSFS5002	Research and interpret detailed fire systems design project requirements
CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5005	Research and evaluate fire system technologies and components
CPCSFS5007	Create detailed designs for hydrant and hose reel systems
CPCSFS5009	Create detailed designs for fire systems' water supplies
CPCSFS5011	Provide design documentation and review and support fire system installation processes
CPCSFS5013	Support commissioning processes and finalise fire systems

Price: $11,000 (Assessment Only $10,000). Must be completed in 12 months.

Pathway 3

Diploma of Hydraulic Services Design and the following units

CPCSFS5002	Research and interpret detailed fire systems design project requirements
CPCSFS5003	Develop plans and methodology for fire systems design projects
CPCSFS5005	Research and evaluate fire system technologies and components
CPCSFS5007	Create detailed designs for hydrant and hose reel systems
CPCSFS5009	Create detailed designs for fire systems' water supplies
CPCSFS5011	Provide design documentation and review and support fire system installation processes
CPCSFS5013	Support commissioning processes and finalise fire systems

Price: $10,000 (Assessment Only $9,000). Must be completed in 12 months.

Multiple Fire Systems Groups

After you have completed any of the above Elective Groups you may undertake additional streams.

Pathway 2

An engineering degree from an Australian university or a qualification under an accredited program and the following units

Fire Sprinkler Systems + Fire Hydrant and Fire Hose Reel- Price: $15,000

Detection and Alarm Systems +Fire Sprinkler Systems - Price: $17,000

Detection and Alarm Systems + Fire Hydrant and Fire Hose Reel- Price: $16,000

Detection and Alarm Systems +Fire Sprinkler Systems + Fire Hydrant and Fire Hose Reel- Price: $19,000

Pathway 3

Diploma of Hydraulic Services Design

Fire Sprinkler Systems + Fire Hydrant and Fire Hose Reel- Price: $14,000