

2017 Trades

Pre-apprenticeships,
Apprenticeships and
Certificate IVs

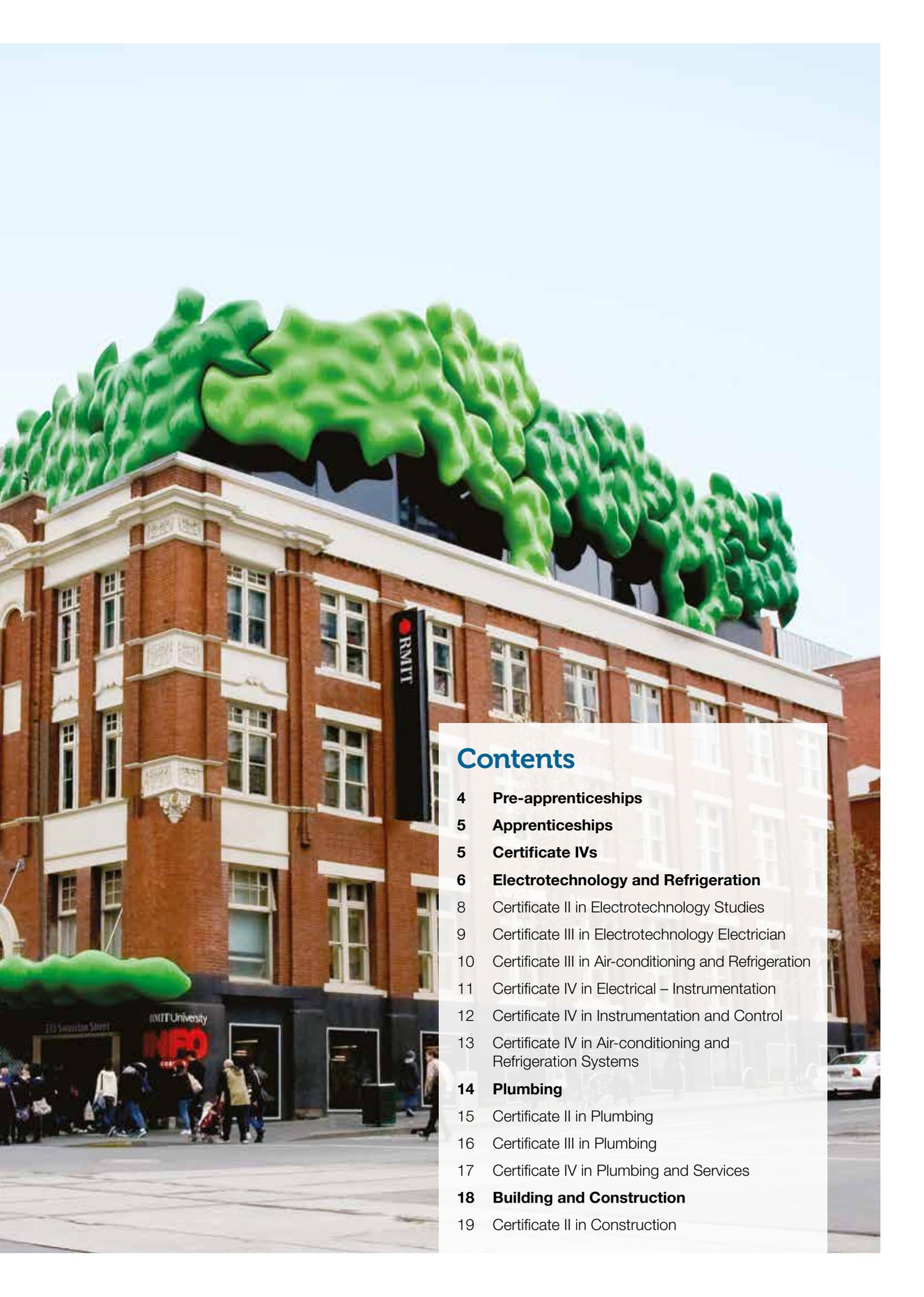


TRADES

RMIT's building trades work closely with industry to develop programs and initiatives that rapidly respond to the changing needs of the workforce and address current and future skill shortages.

RMIT offer pre-apprenticeship, apprenticeship and Certificate IV programs in three trade disciplines: electrical and instrumentation, plumbing and gas-fitting, and refrigeration and air-conditioning.





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PRE-APPRENTICESHIPS

A pre-apprenticeship program teaches you the basic skills of a particular industry and can be a real advantage when applying to an employer for an apprenticeship.

Classes are taught at RMIT's city campus, combining theory and practical skills in a simulated work environment, to give you a sense of what a real working environment will be like.

RMIT offers pre-apprenticeships in:

- Electrotechnology
- Plumbing
- Construction

Programs are between 10 and 12 weeks duration.

Normally a pre-apprenticeship:

- covers the basic principles and skills in your preferred trade area
- does not require you to have an employer before you start
- can reduce the amount of study time required for an apprenticeship

Many employers prefer to take on apprentices who have completed a pre-apprenticeship because:

- they have proven their interest in the field
- they already know the basic principles of the trade
- they are familiar with most of the tools that the trades uses and many typical situations
- they have had the opportunity to receive occupational health and safety training and are likely to already have a Construction Induction Card (White Card)

Entrance Requirements

You must be older than 16 years and an Australian or New Zealand citizen, or a permanent resident.

You'll be required to sit an entrance assessment to establish your English, mathematical and spatial-reasoning skills. This assessment will be conducted as part of the selection process.

Fees

Current fee information can be found at www.rmit.edu.au/programs/fees/vocational

How to Apply

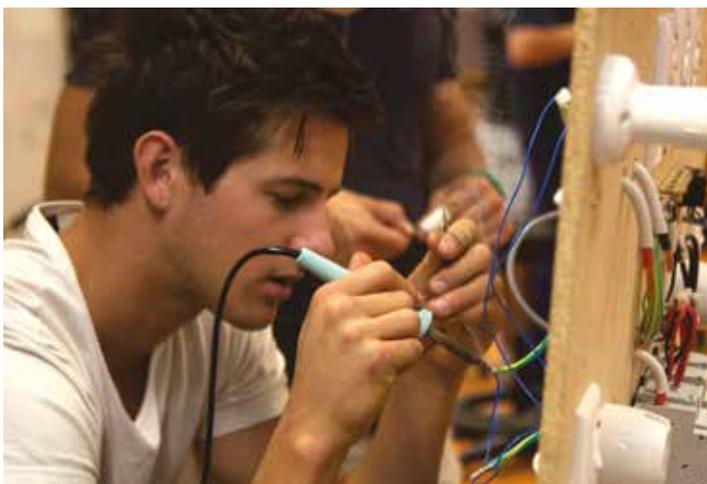
Pre-Apprenticeship programs run throughout the year and you can apply at any time.

Complete an online expression of interest form at www.rmit.edu.au/preapprenticeships

When an intake is about to start, RMIT will contact you to complete your application.

Top Tips for Getting an Apprenticeship

1. Do a pre-apprenticeship. In addition to giving you an idea whether you like the trade, you'll gain skills to put you ahead of the pack.
2. Be punctual, attentive and willing to learn while completing your pre-apprenticeship. RMIT receives many requests from employers looking for apprentices, and recommends only the best students.
3. Have a CV with referees prepared and keep an eye on job listings. The more applications you send out, the more likely you are to gain an apprenticeship.
4. Contact peak industry organisations within your trade. They often keep a list of employers looking for apprentices.
5. Use services such as Australian Apprenticeship Support Network Providers or contact Group Training Organisations. They can put you in touch with prospective employers.



APPRENTICESHIPS

For many trades, you need to complete an apprenticeship to be recognised as a tradesperson. Apprenticeships are the main method for people in Australia to become skilled in a trade.

RMIT offers apprenticeships in:

- Plumbing
- Electrotechnology
- Instrumentation and Control
- Refrigeration and Air-conditioning

An apprenticeship:

- requires you to have found an employer before you start. In some cases this can be on a part-time basis, or you can be a school-based apprentice
- takes between three and four years to complete
- combines paid skilled work with accredited training
- allows you to receive nationally recognised qualifications, usually at a Certificate III or Certificate IV level
- provides you with the skills and training to work professionally in your field

Entrance Requirements

- You must be 16 years or older and be employed on a full-time or part-time basis by an employer within your chosen trade.
- You must have a signed Federal Apprenticeship contract with the employer and be registered as an apprentice with the Australian Apprenticeship Support Network Provider.

CERTIFICATE IVS

Consider a Certificate IV if you want to continue studying to expand your qualifications, up-skill or specialise. If your employer agrees, you can complete a Certificate IV as an apprentice.

RMIT offers Certificate IVs in:

- Electrical and Instrumentation
- Plumbing
- Instrumentation and Control
- Refrigeration and Air-conditioning

Entrance Requirements

It is recommended that you have a relevant Certificate III trade qualification or have relevant industry experience.

Fees

Current fee information can be found at www.rmit.edu.au/programs/fees/vocational

How to Apply

The first step is to find an employer. Visit employment/job websites or use your network of family and friends. Many people find apprenticeships through industry exposure gained during their pre-apprenticeship.

Australian Apprenticeship Support Network Providers now provide apprenticeship recruitment services: www.australianapprenticeships.gov.au/find-my-aasn/full-list

A Group Training Organisation can also help you find an employer. Contact them by visiting www.grouptraining.com.au.

Once you're employed, you and your employer will choose a registered training organisation (such as RMIT University) to provide you with education and training throughout your apprenticeship.

You and your employer will meet with an Australian Apprenticeship Network provider representative and sign a training contract.

Fees

Current fee information can be found at www.rmit.edu.au/programs/fees/vocational

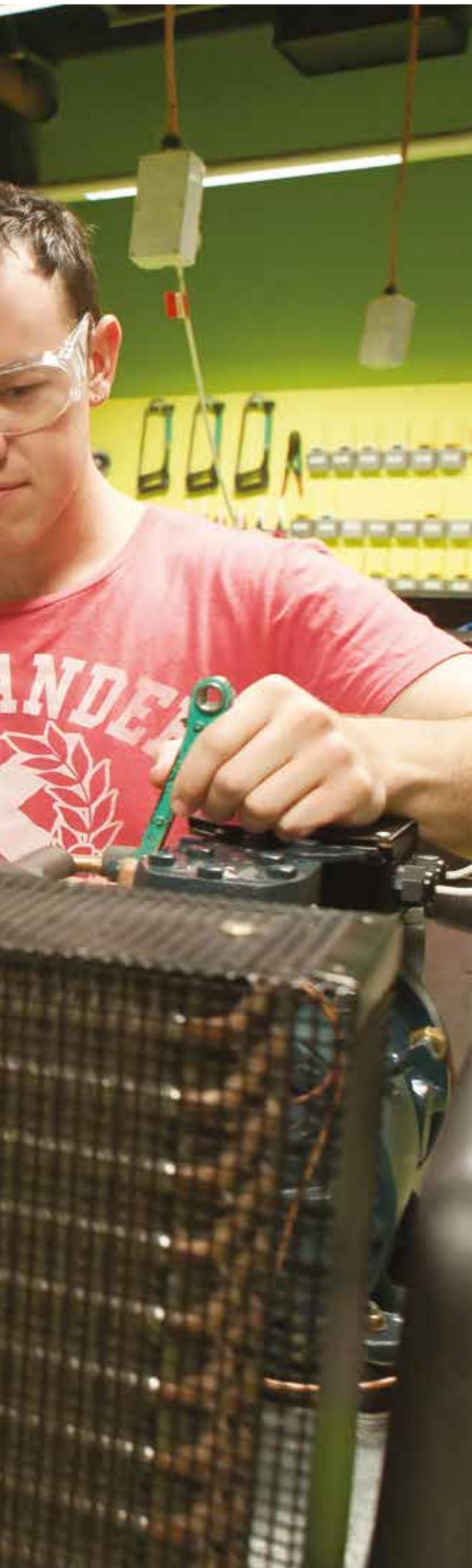
How to Apply

Applicants must apply direct to RMIT's School of Vocational Engineering, Health and Sciences via the online Expression of Interest form.

Tel. +61 3 9925 4468

Email: vehs@rmit.edu.au





ELECTROTECHNOLOGY AND REFRIGERATION

Electricians

Electricians install, maintain, repair, test and commission electrical and electronic equipment and systems for industrial, commercial and domestic purposes. They also work on electrical transmission and distribution equipment.

Tradespeople in these fields can be employed as:

- systems electricians – on residential and industrial buildings
- instrument technicians – on measuring, process control and scientific instruments
- electronic tradespeople – providing electrical installation, repair maintenance, modification and testing of electrical/electronic systems

Full-time electricians earn an average weekly salary of \$1,415*.

Instrument fitters select, install, maintain and commission instruments used to measure and control industrial processes such as pulp and paper manufacturing, and petrochemical production. These types of instruments are used for controlling factors like the flow of gases or liquids, temperature of materials, or pressure levels created during a process.

Full-time instrument fitters earn an average weekly salary of \$1,000*.

Refrigeration

Refrigeration mechanics assemble, install, service and repair industrial, commercial and domestic refrigeration and air-conditioning systems.

Refrigeration and air-conditioning tradespeople work in a range of sectors and locations:

- on shipping containers
- with trucks and transportation
- with industrial installations including supermarkets and bars
- within air-conditioning firms doing domestic or industrial air-flow solutions

Full-time refrigeration and air-conditioning mechanics earn an average weekly salary of \$1,100*.

*Source: www.myskills.gov.au/courses/details?Code=CPC32413

Certificate II in Electrotechnology Studies

RMIT Code: C2219

National Curriculum Code: 22261VIC

10 weeks full-time, City campus

www.rmit.edu.au/programs/c2219

The electrotechnology pre-apprenticeship provides you with an introduction to two industries: electrical and refrigeration/air-conditioning. Taught full time at RMIT, it mixes theory with the practical skills required across these industries.

The program allows you to develop a broad range of skills and knowledge to help you make informed decisions about your career path. It leads to an apprenticeship as an electrician or an air-conditioning and refrigeration mechanic.

What You Will Study

You'll learn about extra-low voltage circuits, making utilities and components, solving electrotechnology problems and providing reports for the energy sector.

You'll gain basic knowledge about the refrigeration and air-conditioning industry, learn about single phase 230v, refrigeration tubing and fitting, basic vapour compression systems and basic operating conditions of air-conditioning systems.

Industry Connections

Guest speakers from industry will enhance your learning experiences.

An industry engagement day is organised near the end of your program to provide you with relevant information on regulations, key employers and employment opportunities.

Students are also connected through industry associations and the RMIT Skills and Jobs Centre to assist with securing a full-time apprenticeship.

Professional Recognition and Accreditation

This qualification is recognised by the Electrical Trades Union (ETU) and the National Electrical and Communications Association (NECA).

You'll receive exemptions if you go on to study the:

- Certificate III in Air-Conditioning and Refrigeration (apprenticeship)
- Certificate III in Electrotechnology Electrician (apprenticeship)

After completing your apprenticeship, you can choose to work for a company or for yourself.

Prerequisites

Applicants are expected to have the equivalent of Year 10 level skills in literacy and numeracy.

You'll sit a multiple-choice test to assess your skills in literacy, numeracy and spatial reasoning.

Next Steps

When you finish this pre-apprenticeship, you'll have the basic skills to seek an apprenticeship as an electrician or a refrigeration/air-conditioning mechanic.

Certificate III in Electrotechnology Electrician

RMIT Code: C3296

National Curriculum Code: UEE30811

4 years part-time, one day on-campus per week

City campus

www.rmit.edu.au/programs/c3296

The Certificate III in Electrotechnology Electrician is for people who are employed as electrical apprentices. This program provides you with the skills to select, install, set up, test, repair and maintain electrical systems and equipment.

On-the-job training with your employer is combined with studying at RMIT. You'll complete practical and theoretical classes to gain the skills and knowledge to work at a trade level in the electrical industry.

When you graduate, you'll have satisfied the Electrical Regulatory Authority Council's requirements to become a licensed electrician.

Career

Skills in electrotechnology remain in high demand, particularly in industries such as construction, mining and manufacturing.

Electricians can work in-house for large companies, within smaller operations, as external consultants or as self-employed tradespeople. Some electricians may undergo further study to develop skills in electrical engineering, dual trade qualifications or specialisation.

What You Will Study

You'll learn about:

- identifying work health and safety hazards and document control measure
- fabrication, dismantling and assembling of utilities industry components
- use of drawings, diagrams, cable schedules, standards, codes and specifications
- solving problems in AC and DC circuits
- arranging circuits, control and protection for general electrical installations
- troubleshooting and repairing faults in low-voltage electrical apparatus and circuits
- developing and connecting electrical control circuits
- installing low-voltage wiring, appliances and accessories

Industry Connections

As an apprentice, you will learn while on the job. You may be able to be assessed in your workplace for some or all of your courses. Feedback from work supervisors and others can be used as evidence of competency, and an RMIT University assessor can visit your workplace to observe your work practice.

Professional Recognition

Successful completion of this qualification allows students either to apply for an Electrician's licence through Energy Safe Victoria (ESV) or to apply for an Open Cabler Registration licence endorsed by Australian Communications and Media Authority's (ACMA). Registration fees apply, payable to the licencing body.

Next Steps

Graduates may be eligible to apply for credit towards the Advanced Diploma of Engineering Technology — Electrical.

If your employer wants you to gain skills in instrumentation you can enroll in the Certificate IV in Electrical-Instrumentation. You'll develop skills in instrumentation while meeting the Electrical Regulatory Authority Council's requirements to be a licensed electrician.

DANIEL FARRUGIA

Daniel Farrugia followed in his father's footsteps, completing a refrigeration and air-conditioning apprenticeship. With two awards recognising his work, he hopes to take over the family business.

"I chose to study at RMIT because my father studied here, and recommended it as the best place to learn. The RMIT program prepared me really well for work. It taught me the principles behind the methods we use, and why things work the way they do."

Certificate III in Air-conditioning and Refrigeration



Certificate III in Air-conditioning and Refrigeration

RMIT Code: C3295

National Curriculum Code: UEE32211

City campus

Option 1: 4 years part-time, one day on-campus per week

or

Option 2: 4 years part-time, full-time block release of seven weeks per year

www.rmit.edu.au/programs/c3295

The Certificate III in Air-conditioning and Refrigeration is for people who are employed as air-conditioning and refrigeration apprentices.

This program provides you with the skills to select components, install, set up, test, fault find, repair and maintain refrigeration systems, large-scale equipment for food storage and preservation, and air-conditioning and air-distribution equipment. It includes regulatory requirements for purchasing and handling refrigerants.

On-the-job training with your employer is combined with studying at RMIT. You'll complete practical and theoretical classes to gain the skills and knowledge to work at a trade level in the refrigeration and air-conditioning industry.

Career

Air-conditioning and refrigeration mechanics can work in commercial food storage, air-conditioning, transport refrigeration and industrial processing systems, in offices, technical laboratories, workshops or onsite.

What You Will Study

You'll learn to:

- identify work health and safety hazards and document control measure
- fix, secure, mount, do basic fitting and fabrication techniques
- use drawings, diagrams, cable schedules, standards, codes and specifications
- carry out basic connections of refrigeration and air-conditioning piping/tubing and fittings
- install refrigeration and air-conditioning systems and associated equipment
- test and visually inspect refrigeration and air-conditioning system and components for safety
- locate and rectify faults in appliances intended to operate to a connected supply up to 1000 volts AC or 1500 volts DC

Industry Connections

As an apprentice, you will learn while on the job. You may be able to be assessed in your workplace. Feedback from work supervisors and others can be used as evidence of competency, and an RMIT University assessor can visit your workplace to observe your work practice.

Professional Recognition

When you graduate, you'll be eligible for a full refrigerant handling license through the Australian Refrigeration Council (ARC).

Next Steps

You may further your studies with the Certificate IV in Air-Conditioning and Refrigeration Servicing to develop specialist skills that will enable you to work on larger systems and work for yourself. Or you might wish to complete a dual trade qualification in Certificate III Electrotechnology – Electrician.

Certificate IV in Electrical – Instrumentation

RMIT Code: C4315

National Curriculum Code: UEE40411

4 years part-time, City campus

www.rmit.edu.au/programs/c4315

The Certificate IV in Electrical – Instrumentation apprenticeship is for electrical apprentices who want to broaden their skills in instrumentation, while also satisfying the Electrical Regulatory Authority Council's requirements to be a licensed electrician. This program provides you with the skills to select, install, commission, fault find and maintain electrical and instrumentation equipment. You'll also develop an understanding of instrumentation systems and core instrumentation equipment for process and control.

On-the-job training with your employer is combined with studying at RMIT. You'll complete practical and theoretical classes to gain the skills and knowledge to work at a trade level in the electrical or instrumentation industries.

Career

Skills in electrical-instrumentation are in high demand, particularly in industries such as food processing, water, petrochemical, mining and manufacturing.

What You Will Study

You'll learn about:

- fixing and securing electrotechnology equipment
- fabrication, dismantling and assembling of utilities industry components
- using drawings, diagrams, cable schedules, standards, codes and specifications
- arranging circuits, control and protection for general electrical installations
- developing and connecting electrical control circuits
- solving problems in pressure measurement circuits and systems
- temperature and flow measurement circuits and systems

Industry Connections

This program has strong links to industry through a well-established Industry Advisory Committee (IAC). The IAC includes industry professionals from a range of organisations, who provide regular feedback on the program and the changing needs of industry.

Teaching staff have extensive industry experience and networks.



KATRINA PALMER

Katrina Palmer is combining her interest in electrics and electronics with an electrotechnology apprenticeship, and was recognised by her employer with their first best electrical apprentice award.

“By the time I finish, I will have completed programs in electrical, instrumentation and control. This will give me the qualifications and experience I need to work as both an Electrician and Instrument Technician.”

Certificate III in Electrotechnology Electrician

Certificate IV in Instrumentation and Control

RMIT Code: C4317

National Curriculum Code: UEE42211

4 years part-time, City campus

www.rmit.edu.au/programs/c4317

The Certificate IV in Instrumentation and Control apprenticeship is for people who are employed as instrument or electrical apprentices, or for licensed electricians who would like to upskill in the area of instrumentation and become a dual tradesperson.

This program provides you with the skills to select, install, set up, troubleshoot, repair, maintain and commission instruments to measure and record physical and chemical actions, and associated process control systems.

On-the-job training with your employer is combined with studying at RMIT. You'll complete practical and theoretical classes to gain the skills and knowledge to work at a trade level in the electrical or instrumentation industries.

Career

There is currently a significant shortage of trained specialists in instrumentation and control, and candidates who can show expertise across both areas can expect strong employment opportunities and wage prospects.

When you complete this program you can find work in:

- lighting
- general power
- fire protection and security
- robotics and automated process systems
- instrumentation (food processing, water, petrochemical, mining and manufacturing)
- optical data and voice systems
- electrical motors and control systems

What You Will Study

You'll learn about control concepts, pressure, level and flow measurement principles, Proportional-Integral-Derivative (PID) control principles, process control systems and industrial networking.

You'll gain skills in:

- checking instruments for accuracy and calibrating them to manufacturers' specifications
- installing industrial instruments and equipment such as control panels, sensors, transmitters and controllers
- developing and verifying discrete control programs for programmable controllers
- using instrumentation drawings, diagrams, standards, schedules and equipment manuals
- finding and rectifying faults in final control elements
- industrial networking

Industry Connections

This program has strong links to industry through a well-established Industry Advisory Committee (IAC). The IAC includes industry professionals from a range of organisations, who provide regular feedback on the program and the changing needs of industry.

Teaching staff have extensive industry experience and networks.

Next Steps

Graduates might be eligible to apply for credit towards the Advanced Diploma of Engineering Technology – Electrical.

RICHARD IMIEROWICZ

Richard Imierowicz was recognised for his hard work when he was awarded Best Instrument Apprentice. He enjoys his work because it's diverse and allows him to learn a range of skills.

"I've learnt the fundamental principles needed to do my job, and also gained practical experience. The highlights have been the friends I've made, networking opportunities and being awarded the Best Instrument Apprentice."

Certificate IV in Instrumentation and Control

Certificate IV in Air-conditioning and Refrigeration Systems

RMIT Code: C4301

National Curriculum Code: UEE42911

2 years part-time, City campus

www.rmit.edu.au/programs/c4301

The Certificate IV in Air-conditioning and Refrigeration Systems is designed for qualified air-conditioning and refrigeration mechanics looking to improve their career opportunities by developing specialist skills in this field.

This program provides the competencies to determine heat loads and select equipment for basic commercial refrigeration or residential air-conditioning applications. It includes regulatory requirements for purchasing and handling refrigerants.

Examples of commercial refrigeration settings include commercial cold rooms, freezer rooms and cabinets with a single compressor or condensing unit. This does not include large, complex commercial applications or industrial applications.

Examples of residential air-conditioning applications include all scenarios covered under the Building Code of Australia's – Class 1A Residential Buildings.

The Certificate IV in Air-conditioning and Refrigeration Systems can be completed as an apprenticeship.

Career

This program will provide you with the knowledge and skills to progress from “fixing and repairing” to “diagnosing faults and commissioning” large-scale systems, allowing you greater flexibility to work on larger systems and to work for yourself.

What You Will Study

Training is delivered as a combination of face-to-face and online.

Assessments include assignments and work reports, written tests and practical assessments.

Practical classes are delivered in fully equipped Refrigeration and Air-conditioning trade training facilities using industry standard equipment and trade practice.

You'll gain the knowledge and skills to:

- compile and produce an energy sector detailed report
- establish the thermodynamic parameters of refrigeration and air-conditioning systems
- establish heat loads for commercial refrigeration and/or air-conditioning applications
- analyse the psychrometric performance of HVAC/R systems
- implement and monitor energy sector environmental and sustainable policies and procedures

Industry Connections

Throughout the program, you'll be able to engage with industry specialists, who can provide learning experiences in specific areas of refrigeration/air-conditioning, many of which you might not be exposed to during your normal working day.



PLUMBING

Plumbers lay-out, install, test and maintain pipes, fixtures, metal roofing, fittings, gas meters and regulators. They ensure the delivery of clean water, as well as drainage and sanitation.

Plumbers install and repair equipment such as: boilers, pumps, heating and cooling systems, natural gas appliances, water tanks, solar-heating systems, sinks, basins and showers.

They can be self-employed, work in small firms or with large construction firms. Plumbers are mainly employed in construction, electricity, gas, water and waste services, and public administration and safety.

Plumbers earn an average weekly salary of \$1,200*.

*Source: www.myskills.gov.au/courses/details?Code=CPC32413

Certificate II in Plumbing

RMIT Code: C2222

National Curriculum Code: 22304VIC

10 weeks full-time, City campus

www.rmit.edu.au/programs/c2222

The Certificate II in Plumbing (Pre-apprenticeship) provides you with basic skills and training in the plumbing field. It can be an important first step to your career as a plumber.

Studying full-time at RMIT, you'll undertake practical workshops to give you hands-on experience, as well as important theory classes to give you a solid understanding of the industry. You can also complete on-the-job work experience to better prepare you for a full-time apprenticeship.

When finished, you'll have the skills and knowledge that an employer looks for when hiring an apprentice.

Prerequisites

Applicants are expected to have the equivalent of Year 10 level skills in literacy and numeracy.

If you're interested in enrolling, please contact the School of Vocational Engineering, Health and Sciences for more information.

You'll be required to sit an entrance assessment to establish your English, mathematical and spatial-reasoning skills. This assessment will be conducted as part of the selection process. You can apply for special consideration.

Further information regarding the entrance assessment will be forwarded to you once RMIT receives your expression of interest.

Career

Plumbers continue to be in high demand in Australia, so the job outlook is currently very strong. Plumbers may be self-employed, employed in small firms, or employed in large construction firms.

Many students find apprenticeships while still studying this program. A high percentage of students who successfully complete this program find an apprenticeship within six months.

Industry Connections

Guest speakers from industry will enhance your learning experiences.

An industry engagement day is organised near the end of your program to provide you with relevant information on regulations, key employers and employment opportunities.

Students are also connected through industry associations and the RMIT Skills and Jobs Centre to assist with securing a full-time apprenticeship.

What You Will Study

You'll learn about the plumbing industry, understand its expectations and how you can progress.

You'll gain basic knowledge and skills through workshop classes, which develop your understanding of welding, sheet metal, roofing, drainage, sanitary, water and gas principles. These skills will be practised at work placements.

Professional Recognition and Accreditation

This program is recognised by plumbing associations and organisations, such as The Master Plumbers and Mechanical Services Association of Australia and the Communications Electrical Plumbing Union.

Next Steps

When you finish this pre-apprenticeship, you'll have the basic skills to seek an apprenticeship as a plumber.



JASON ALFORD

After being awarded Best Overall Plumbing Apprentice and completing his studies, Jason Alford is looking forward to starting his own business.

“The hands-on learning approach at RMIT, when combined with my on-the-job training, meant I felt very prepared for real work. This was one of many reasons why I enjoyed studying at RMIT.”

Certificate III in Plumbing

Certificate III in Plumbing

RMIT Code: C3312

National Curriculum Code: CPC32413

Up to 4 years part-time, delivery is by block release

City campus

www.rmit.edu.au/programs/c3312

This program provides training for plumbing apprentices, and covers the practical and theoretical aspects of the industry. You will specialise in gas-fitting, water, sanitary, roofing and drainage during the first three stages of training. If your employer agrees, you can choose to complete a fourth stage – mechanical services.

After completing your apprenticeship and Journeyman's exam you can apply to the Victorian Building Authority to become a registered plumber.

What You Will Study

You'll study five streams of plumbing: drainage, gas, roofing, sanitary and water. If you choose to study the mechanical stream, you'll complete an additional stage.

Examples of what you'll study include:

- fusion pipe welding
- gas principles
- installation of sanitary systems
- levelling
- measurement and calculation
- mechanical principles
- plumbing standards
- regulation and roof safety and installation

Career

Trained plumbers install and repair equipment such as boilers, pumps, heating and cooling systems, natural gas appliances, water tanks, solar-heating systems, sinks, basins and showers.

Plumbers may be self-employed, employed in small firms, or employed in large construction firms.

With new construction continuing to show growth, the need for maintenance of infrastructure is increasing. Therefore, the demand for skilled professionals in the plumbing trade remains strong, and graduates can expect excellent employment opportunities.

Industry Connections

As an apprentice, you will learn while on the job, and you may be assessed in your workplace for some or all of your courses. Feedback from work supervisors and others can be used as evidence of competency, and an RMIT University assessor can visit your workplace to observe your work practice.

Professional Recognition

This program is recognised by plumbing associations and organisations such as The Master Plumbers and Mechanical Services Association of Australia and the Communications Electrical Plumbing Union.

Apprentices can apply for registration with the Victorian Building Authority to become a registered plumber.

Next Steps

You may further your studies with the Certificate IV in Plumbing Services to gain licence accreditation in a range of specialist plumbing areas, and/or the Certificate IV in Building and Construction to become a licensed builder.

Certificate IV in Plumbing and Services

RMIT Code: C4338

National Curriculum Code: CPC40912

2 years part-time, City campus

www.rmit.edu.au/programs/c4338

The Certificate IV in Plumbing and Services is designed for plumbers who have completed their trade training and gained registration, or are in the final year of their apprenticeship and seeking to deepen their technical skills. The program equips you with the knowledge to manage and design plumbing projects.

Career

As a graduate of the program, you'll have enhanced career prospects and will be qualified to move into positions of responsibility, such as a team leader, site supervisor or business owner/operator, or hydraulic consultant.

What You Will Study

This program allows you to choose the skill sets or specialisations that you want to study.

The following are examples of topics covered:

- carry out work-based risk control processes
- commission and maintain backflow prevention devices
- commission and maintain hot water temperature control devices
- consumer gas installations
- deliver and monitor a service to customers
- domestic treatment plant disposal systems
- establish legal and risk management requirements of small business
- estimate and cost work
- hot and cold water services and systems
- identify hazards and assess work health and safety risks
- plan, size and lay out sanitary drainage systems
- read and interpret plans and specifications
- roof drainage systems
- sanitary pipework and fixtures
- stormwater drainage systems

RMIT provides you with opportunities for flexible exit points to meet your individual needs, though you will need to complete all courses required by the Plumbing Industry Commission (PIC) before you're able to sit the Victorian Building Authority (VBA) PIC licence exam.

Professional Recognition

The program is recognised by the Victorian Building Authority, allowing graduates who complete the required courses to register as a licensed plumbing contractor.



BUILDING AND CONSTRUCTION

Construction is not just about building sites, it's about building a bigger picture: the planning, coordination and control of a project from inception to delivery.

Qualified builders and carpenters are involved in project planning and management, project estimating, materials use, structural properties, work health and safety requirements and cost control.

Areas of employment can span building construction, supervision and management, estimating, purchasing, contracts administration and other related fields.

Builders can work on a building site, in a head office and, in time, start their own business.

Job opportunities in building and construction remain strong in Australia, and the future career outlook continues to be very positive.





Certificate II in Construction

RMIT Code: C2221

National Curriculum Code: CPC20112

10 weeks full-time (4 days a week), City campus

www.rmit.edu.au/programs/c2221

Improve your employability with knowledge and practical skills in building and construction.

You'll gain an understanding of fundamental building skills and principles, and be exposed to common scenarios you'll experience on the job.

The program will provide you with a competitive advantage when applying for entry-level construction roles or when looking for a pathway into a building apprenticeship.

You'll also be able to undertake further studies within building, construction and carpentry.

What You Will Study

You'll gain basic knowledge and skills through workshop classes, which will develop your understanding of safe work practices, planning, use of hand tools, measurements, how to read plans, and basic concreting and carpentry skills.

Skills will be practised in work-simulated environments, and you'll be given opportunities to access the construction industry to improve your understanding.

Career

At the end of your pre-apprenticeship, you'll be able to enter the building and construction industry as a general construction worker or labourer. You'll also have the opportunity to continue on in an apprenticeship in plumbing, carpentry or other construction-related trades.

Industry Connections

This program improves your understanding of the construction industry, its expectations and how you can progress, so that you're work-ready and productive from day one.

Next Steps

Graduates can continue their studies with an apprenticeship program.

RMIT Trades Tours

If you've ever thought about starting a career in trades, now's the time to get your questions answered.

RMIT Trades are offering monthly trades tours of RMIT's modern trades facilities and teaching spaces.

Tours will be available every month on a Wednesday morning for future students, employers, industry representatives and school groups.

Anyone wishing to take a tour of RMIT's facilities and learn more about their career in trades can book a tour.

Email: sove.eoi@rmit.edu.au

www.rmit.edu.au

Contact

Building and trades apprenticeship enquiries

Mobile: 0418 717 249