



CAREER ADVISERS MESSAGE

Career Hotspot ... Electrician

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

Personal Requirements:

- enjoy mathematical and technical activities
- good hand-eye coordination
- good eyesight and normal colour vision
- logical thinking and diagnostic ability
- aptitude for mechanics and electronics
- able to do precise and detailed work
- able to work independently or as part of a team
- able to cope with the physical demands of the job
- Good communication skills.



Education and Training:

To become an electrician you usually have to complete an apprenticeship or traineeship in Electrotechnology Electrician, Electrotechnology - Systems Electrician or Engineering - Electrical/Electronic Trade. Entry requirements may vary, but employers generally require Year 10 and some may prefer Year 12. Ask your career adviser about the possibility of starting some of this training in school.

Employment Opportunities:

The data communications and IT aspects of the industry are becoming increasingly important as new technologies alter the way businesses operate. Recent developments, such as home automation and the integration of systems such as data communications, suggest the current rapid rate of technological change in the industry will continue to accelerate.

Growing opportunities exist to work as a renewable energy electrician and to design and install photovoltaic (solar power) systems. Additional training is available.

Jobs of the Future Medical Imaging Technologists

Medical imaging technologists operate X-ray and other imaging equipment, such as Magnetic Resonance Imaging (MRI) and Ultrasound, to produce radiographic images that are used in the diagnosis and subsequent management of disease or injury.



JOB OPPORTUNITY

Roofing Apprentice Wanted

Contact: Trent Green
Time 2 Change Metal Roofing
Ph: 0410 589 465

Sydney Trains Positions Available.

Apprentice Rail Overhead Line Worker (Rail Traction)

Rail Overhead Line apprentices are trained to work with high voltage (1500 volt DC) transmission lines and associated equipment. You will be trained to work safely and competently at heights and around electrical equipment using track machines and lifting equipment. This role can be physically demanding. You will work in all types of weather and will be on-call 24/7 to ensure the electrical system keeps Sydney's trains moving. You will be rotated every six months to build your skills in a variety of work contexts. Included in the training are licences to perform dogging and operate a boom lift.

Apprentice Plant/Diesel Mechanic

Plant/Diesel Mechanic apprentices are trained to repair and maintain mobile plant including forklifts, small excavators, skid steers and attachments, heavy track maintenance machines and the diesel engines that drive them, plus training for high risk licences to operate this machinery. These machines are vital for track maintenance. You will receive one-on-one training from experienced tradespeople in mechanical, low voltage electrical, hydraulics and pneumatics, as well as Programmable Logic Control (PLC) skills. As this machinery is mobile, you will be called to regional areas to stand by in readiness to perform repairs if required.

Apprentice Signal Electrician

Signal Electrician apprentices are trained to work with hand, power and diagnostic tools to install, repair and maintain various electrical, mechanical and electro-pneumatic signaling devices. Some examples

include track switching points, colour light signals, computerised and relay operated control systems, conventional and solar power supplies and multi-core cabling systems.

You will be trained to work with DC and AC voltages, single and three phase circuitry. These vital systems ensure the safe movement of trains around the network. Included in the apprenticeship is training to qualify for an Electrician's licence. You will be rotated every six months to build your skills in a variety of work contexts.

Apprentice Cable Jointer

Cable Jointers are a branch of the electrical trades with direct non-rail equivalents in domestic, commercial and industrial work. As a Cable Jointer apprentice, you will be trained to install and repair joints in insulated power supply and control cables in underground pipes, trenches, and overhead supply systems. You will also be involved in building substations and installing major pieces of equipment. This specialised work will take you all over the rail network. The work is primarily outdoors, involves working at heights, in all kinds of weather, seven days a week, as required by Sydney Trains.

Apprentice Substation Distribution Electrician

As a Substation Distribution electrician you will help power our rail network. Substation Distribution apprentices complete a Certificate III Electro-technology Electrician (Electrical Mechanic).

You will be trained to work in high voltage rail substations, installing and maintaining rectifiers, transformers, high and low voltage switchgear, and High Current DC equipment. You will also install and maintain general lighting, power services and electrical appliances. Included in the apprenticeship is training to qualify for an Electrician's licence. You will be rotated every six months to build your skills in a variety of work contexts.

Apprentice Telecommunications

Telecommunications apprentices are trained to work with complex communications and control systems, using current and emerging technologies to provide critical services to rail operations. This equipment is responsible for providing train control and train visibility systems, wireless and fixed data network and voice communications, the passenger information system and asset condition-monitoring systems. You will be involved in fault diagnosis and the repair of critical systems to ensure safe, on-time operations. You will be rotated every three months to build your skills in a variety of work contexts.

Apprentice Signal Fitter

Signal Fitter apprentices are trained to work with hand and power tools, and lathes and milling machines, as well as oxy-acetylene cutting equipment and electric welders to maintain and repair signalling equipment

You could be working trackside, in signal boxes or on train stations to perform a variety of duties. This signalling equipment is vital to the safety and efficiency of the rail network. Work may be undertaken in regional areas as well as the Sydney metropolitan area.

Apprentice Rail Maintainer

Rail Maintainer apprentices are trained to perform mechanical and electrical fault diagnosis, repair and maintenance work to keep the Sydney Trains network running smoothly and efficiently. Working on both diesel and electric trains, maintenance and repair tasks will encompass systems like brakes, doors, radios, bogies, lighting and many others. Both mechanical and electrical training will be provided as part of this apprenticeship.

Recruitment Process

Sydney Trains has a merit based recruitment and selection policy, which takes into account the requirements of the job and the abilities and personal qualities of each applicant.

Apprentice recruitment is a step-by-step process designed to ensure that you're the right fit for the job, and that it is the right job for you. These steps are outlined below.

1. Apply online

Sydney Trains advertises each year on websites such as: I work for NSW, Transport for NSW Facebook, LinkedIn, and Seek.

2. Attend Information Session

3. Job-Related Testing

Testing under standardised conditions ensures that our selection decisions are objective and fair, and based on the candidate's ability to perform the work.

4. Assessment Centre exercises

Applicants who are successful at job-related testing will be invited to attend an Assessment Centre, where they will complete two group-based activities and a written exercise.

5. Interview

This is called a "multi-mini interview". Instead sitting down in front of a panel of interviewers, candidates will visit four 'stations', and answer a single question at each one. Candidates will have five minutes at each station before moving on to the next.

6. Pre-employment checks

This is the final stage of the assessment process. As the rail system is vital to the smooth running of any city, and the work brings with it special risks to human safety, Sydney Trains requires all candidates to undergo criminal record and medical checks.

As a Sydney Trains Apprentice you will be classed as Rail Safety Worker which requires the following independent health checks:

- Drug and alcohol screening
- Hearing
- Vision
- Mobility
- Health and fitness assessment

UNIVERSITY INFORMATION

UMAT

Certain undergraduate medicine, dentistry and health science degree programs require applicants to sit the [Undergraduate Medicine and Health Sciences Admission Test \(UMAT\)](#). Registrations for this year's test close on Friday 1 June 2018 and the test will be held on Wednesday 25 July 2018. UMAT is only held once each year, so don't miss out.

NEW COURSES

Classes for Early Career Drama Teachers The NIDA Creative Ambassador's Initiative is an investment in the creative practice and artistry of early career teachers. Successful applicants participate in a week of master classes at NIDA to develop their skills as drama specialists, cultural leaders and creative pedagogues. Applications close on 30 April, 2018 at 5pm. There is no tuition fee. Apply online at www.nida.edu.au.

Bachelor of Advanced Science in Pharmaceutical Sciences New to our Advanced Science program, the Pharmaceutical Sciences major will prepare graduates for exciting careers in drug discovery, development and application. This major also has a special entry pathway to the UTS Master of Pharmacy (conditions apply). <https://www.uts.edu.au/future-students/science/science-courses/new-courses>

New courses at Southern Cross University. Southern Cross University is excited to announce two new courses on offer for study in 2019. The Bachelor of Exercise Science and Psychological Science will be available at the Coffs Harbour and Lismore campuses. The double degree, Bachelor of Podiatry, Bachelor of Podorthotics will be available at the Gold Coast campus. For further information please email student.recruitment@scu.edu.au

Gaining Employment in Sports Science, Strength & Conditioning

My Health Career has partnered with Bond University to release a post about gaining employment in sports science, strength and conditioning:

<https://www.myhealthcareer.com.au/sports-science/master-of-sports-science-bond-uni>

Still want more?!? How about what 5 people love about their jobs in health?

<https://www.myhealthcareer.com.au/health-industry/what-do-health-professionals-love-about-their-job>

EY Cadetships

Ernst and Young Cadetships in Accounting. As a cadet, you'll combine full-time work with part-time university studies. It takes drive and commitment, but we'll provide you with the support you need to succeed. You'll gain valuable experience working with clients and will be exposed to senior managers early so that you can learn from some of the best in the organisation. And don't worry – we completely understand that this will be your first time working within a professional environment. That's why we'll provide you with extensive training, coaching, detailed guidance and skills development. And when you do graduate, the experience you'll have gained through the Cadet Program may place you head and shoulders above your peers. The Cadet Program is currently offered in Melbourne, Sydney and Brisbane.

<http://www.ey.com/au/en/careers/students/your-role-here/students---programs#fragment-1-na>

University of Sydney Year 10 Info Evenings

Join us on campus for a fun and informative evening where we will answer the important questions: How does scaling work? What subjects should you choose for Year 11 and 12 if you want to study a certain course at university? What are prerequisites and assumed knowledge? What is university really like?

Camperdown/Darlington Campus - University of Sydney

5 April. 6.00pm to 8.00pm

8 May. 6.00pm to 8.00pm

17 May. 6.00pm to 8.00pm

Eastern Avenue Auditorium, Eastern Avenue, The University of Sydney

<https://www.eventbrite.com.au/e/the-university-of-sydney-year-10-information-evening-registration-42659028302>

Macquarie in a Day

17 or 18 April. 8.30am to 3.15pm

Macquarie Theatre W2.4A, 21 Wally's Walk, Macquarie University

Uni life doesn't have to be a mystery. This is your chance to experience what a day in the life of a Macquarie student is really like. On the day you'll be able to:

- sit in on lectures and demos
- experience practicals and tutorials (pracs and tutes to those in the know)
- choose your own subjects and plan your own day
- ask lecturers and current students all your burning questions

<http://www.cvent.com/events/macquarie-in-a-day/event-summary-3e0db8c0748547b18d8044bb12c56a9a.aspx>

University Admissions Centre (UAC) have published a list of University Open Days – 2018.

Please visit the link below to view. Also available on Careers Noticeboard at school.

<http://www.uac.edu.au/documents/undergraduate/opendays.pdf>

WORK EXPERIENCE OPPORTUNITIES

Sydney Trains

2018 Work Experience Program

Sydney Trains work experience program aims to give Year 10, 11 and 12 students the opportunity to gain insight and experience into the world of work at Sydney Trains and gain an understanding of possible career options for their future within a dynamic industry setting.

We offer students a week of structured activities which will increase their knowledge of the workplace and improve their employability skills to assist them to begin a career in their chosen field. Students will gain a better understanding of the changing nature of work and the attitudes and skills employers are looking for, whilst increasing their technical skills and knowledge.

Opportunities available

- our mechanical workshops which repair and maintain mobile plant, heavy track maintenance machines and diesel engines
- our telecommunications team who work with complex communications and control systems which provide train control and visibility systems, data networks and passenger information systems

How the program works

Placements usually last for five days, Monday to Friday with start and finish times to be agreed prior to commencement. Ideally these will align with the workplace to give students a real taste of the world of work.

Placements will be available from March through to December, depending on each school's calendar. The school will provide a work experience agreement form prior to commencement.

Students will be given a general induction into the worksite on arrival, including basic safety rules and requirements about wearing personal protective equipment (PPE). All students will be given any extra PPE required, but will be expected to have their own steel capped safety shoes/boots and wear long sleeved shirts and long pants.

Students will be supervised at all times and planned activities will be safely managed to reduce any chance of exposing the student to safety risks. Students will be advised that their health and safety is our utmost concern during their stay and that they must observe any requirements Sydney Trains have in place to safeguard employees and others.

How to apply

Talk to your Careers Advisor at your school and email us at **sydneytrainsapprenticeships@transport.nsw.au**

GENERAL INFORMATION

AIT: Special Effects in Film with After Effects 16th-17th April | 10.30am - 5pm For those wanting to take their filmmaking skills to the next level, this workshop will help do just that. This 2-day workshop provides students with an introduction to desktop Special Effects compositing and motion graphics using Adobe After Effects. This workshop is ideal for HSC students working on film projects. <http://www.ait.edu.au/events/short-courses/sydney-workshops>

AIT: Unity AI/VR and Game Development 18th-19th April (Beginners-Intermediate Level) Are you interested in making smart artificial intelligence? Do you like making video games? Master the art of game development & integrate AI in this intensive two-day workshop. Learn how to use Unity3D, the most popular software in the game development industry. <http://www.ait.edu.au/events/short-courses/sydney-workshops>

AIT: VR and Game Development 20th April (Advanced Level) | 9 - 4pm If you've already gained some experience in Game Development and Unity, take the skills to the next level. In this advanced workshop, there will be a great focus on Virtual Reality! Let's see what you can do in one day! <http://www.ait.edu.au/events/short-courses/sydney-workshops>

AIT: 2D Animation with Toon Boom Harmony 26th-27th April | 11.00am - 5.30pm AIT has been well known for its creative & talented 2D Animation graduates, and we are very excited to announce that we have put together amazing workshop! Over 2-days the students will have the opportunity to participate in the creation of an animated short story in collaboration with a group of other creative animators. <http://www.ait.edu.au/events/short-courses/sydney-workshops>

LAUNCH YOUR AVIATION CAREER - Enrolments for June 2018 courses now open! Sydney Flight College, based at Bankstown Airport, is taking expressions of interest for the AVI50215 Diploma of Aviation (Commercial Pilot Licence - Aeroplane) course delivered by TAFE NSW and commencing in early June. This course can be taken by people who have no, or

minimal, previous flying experience. To register your interest go to <http://bit.ly/SFCENQUIRE> or call us on 02 9709 8488.

Dream of travelling as a career? Find out more about Aviation Australia's Flight Attendant Career Training at the Sydney information evening. Learn from the industry experts, meet our alumni and discover how you can become a Flight Attendant. Held at the Qantas Centre of Service Excellence on Wednesday 02 May, 5.45pm, visit aviationaustralia.aero/flight-attendant for more details.

INFO NIGHT | SYDNEY CAMPUS | APRIL 19 2018| 6:00PM - 8:00PM We're opening the doors of our state-of-the-art, brand new Sydney campus on Thursday, 19 April, from 6pm-8pm. If you're considering studying creative media, Animation, Audio, Design, Film or Games, now is the time to speak to our experienced team and discover how you can pursue your passion. LOCATION: SAE Sydney - 39 Regent St, Chippendale. Register to attend: <http://bit.ly/2tJw6Z7>

Macleay Career Taster Days and Info Sessions - for digital designer, sports publicist, digital journalist or an entrepreneur.

19 April 11.00am to 3.00pm

12 July 11.00am to 3.00pm

Level 2, 28 Foveaux Street, Surry Hills

The Career Taster Day will give an experiential snapshot of the career you are considering pursuing, whether that be as a content creator, digital designer, sports publicist, digital journalist or an entrepreneur.

It's a free event and lunch is provided, however places are limited so secure your spot today.

Info Session

26 April 4.30pm to 7.30pm

One thing we know is that our current and past students love studying at Macleay. In fact in 2017 we scored higher than any other traditional university in NSW for teaching quality as surveyed by QILT. Speak to current and past students to find out more. Go to:

<https://www.macleay.edu.au/events>

Budding Entrepreneurs - illuminate: nextgen is back!

Years 8-10. Register for this unique innovation challenge that sees you creating your own business and developing core entrepreneurial skills as well as a range of valuable soft skills - all in the span of one week. More info here:

<https://goo.gl/kRuKsL>

Local Sporting Champions – Grant Program

This Grant is designed to provide financial assistance for young sportsmen and women aged 12-18. If successful, applicants will receive a \$500 grant that can be used towards the cost of travel, accommodation, uniforms or equipment when competing, coaching or officiating at an official national sporting organisation (NSO) endorsed state, national or international sporting championships, or a School Sport Australia state, national or international championships.

http://www.ausport.gov.au/ais/grants_and_funding/local_sporting_champions

FLIGHT CENTRE[®]

Travel Academy

DO YOU LIKE TO TRAVEL?

If travel is your passion Flight Centre can help make it your career! Flight Centre Travel Academy is the training provider of choice for the travel industry. They offer a fully accredited Diploma of Travel and Tourism in conjunction with Torrens University Australia, also Short Courses for those wishing to fast-track their learning.

Flight Centre Travel Academy's courses are suitable for anyone and everyone, whether you've just graduated from high school or are looking for an exciting career change.

A career in the travel and tourism industry can be incredibly rewarding, both personally and financially.

There are a number of career paths to pursue and the travel opportunities are endless. With a travel or business qualification with the Travel Academy, students will be armed with the skills to apply for jobs such as:

- Travel Agent / Consultant
- Travel and Tourism Reservations
- Front Office and Guest Services
- Reception
- Duty Manager
- Cruise Ship jobs
- Overseas working holiday jobs
- Tour Guide
- Travel and Tourism Marketing
- Cabin Crew



There is an Information Session on Friday 23 March 2018 which gives you all that you need to get started on your study journey.

At these sessions, you can find out more detail about our courses, check out our campus facilities and meet with our facilitation team.

By attending an information session, you'll also get a first-hand look into what it's like to be part of the Flight Centre family.

More information can be found at:

<http://www.fctravelacademy.com/information-sessions>

RESOURCES FOR STUDENTS - FREE

Preparing for the SAT - free eBook for students who are aiming for the US. Preparation is key so Crimson Education has put together this comprehensive free eBook for students written by SAT experts. We recommend students sit the SAT for the first time in Year 11 and then again in Year 12. The link to share is <https://learn.crimsoneducation.org/perfect-score-sat-ebook>

ADF Gap Year applications for 2019 have opened.

It's a unique opportunity for your students to try out a career in Navy, Army or Air Force and get a feel for a military life without committing for a longer period.

Plan ahead. Requirements: be an Australian citizen; aged between 18 and 24; completed Year 12.

Navy - Closes 9 April 2018

Army Combat Engineer - Closes 9 April 2018

Army Officer - Closes 23 April 2018

Army Artillery Operator - Closes 23 April 2018

Army Infantry Soldier - Closes 14 May 2018

Army Driver - Closes 21 May 2018

Army Administration Assistant - Closes 21 May 2018

Army Warehouse Assistant - Closes 21 May 2018

Army Air Defence Operator - Closes 21 May 2018

Air Force Cabin Crew - Closes 7 March 2018

Air Force Warehouse Store person - Closes 28 May 2018

Air Force Aviation Support Technician - Closes 28 May 2018

Air Force Airbase Protection and Security - Closes 4 June 2018

Air Force Administration Assistant - Closes 4 June 2018

Closing dates are driven by demand and **may close sooner than listed**.

Apply here:

<https://www.defencejobs.gov.au/students-and-education/gap-year>

Gap Year videos:

https://www.youtube.com/watch?v=I4ftgnrPnpw&list=PLv0sCneygGhee5nNS03odp62fGvJLjKj8&mc_cid=631ab08822&mc_eid=853cf5abd8



GET IT FROM THE SOURCE

HSC exam workbooks,
syllabuses and
resources for teachers
and parents.

SHOP NOW >>

The advertisement features two young women in school uniforms, smiling and holding up their '2014 Higher School Certificate Exam Workbook'. One workbook is for 'Industrial Technology' and the other is for 'Design and Technology'. The background is a solid green color.

Messages from UAC

Higher education admission changes

Over the past year, UAC and other higher education sector stakeholders have been working with the Australian Government to improve the transparency of higher education admissions.

All universities and admissions centres across Australia will adopt a standard approach when providing information to students about admissions criteria and processes. This approach includes using common terminology, with the most notable being:

- ‘adjustment factors’ will replace the term ‘bonus points’
- ‘lowest selection rank’ will replace the term course ‘cut-off’.

Universities will also be required to publish the minimum, median and top ATAR mark (without any adjustments) of an applicant to whom an offer of a place was made, as well as the minimum, median and top selection rank (including any adjustment factors) of an applicant to whom an offer of a place was made.

Educational Access Schemes

Has your educational performance been affected by long-term disadvantage beyond your control and choosing? Institutions acknowledge that difficult circumstances can prevent you from reaching your true academic potential. Educational Access Schemes (EAS) can help you gain access to tertiary study if your ATAR is below the course selection rank.

These schemes are only open to undergraduate applicants. Applications for semester 2, 2018 will be accepted until Thursday 12 July. Visit the EAS website for eligibility criteria and how to apply. Applications for 2019 open in August.

Equity Scholarships

Equity Scholarships (ES) help financially disadvantaged students with the costs associated with tertiary study. If you’re an enrolled student, or you expect to receive an offer from one of our participating institutions to a semester 2, 2018 course, there’s still time to apply for ES.

Final applications for semester 2 close on Thursday 12 July 2018. Visit the ES website for details. Applications for 2019 open in August.

Schoolies Unearthed is a life-changing travel experience that was developed in response to frequent requests from schools and students to offer an alternative to the typical ‘party weeks’ in the Gold Coast and Byron Bay.

A 10-day overseas journey that focusses on hands-on community service work, Schoolies Unearthed combines ‘off-the-beaten-path’ exploration with adventure activities in incredible destinations such as Borneo, Vietnam, Vanuatu and Thailand. Teams are accompanied by a trained, adult leader at all times as they backpack their way through a completely new country and culture, celebrating their high school graduation in a rewarding and meaningful way. You can read further information online at www.antipodeans.com.au/schoolies-unearthed.

How do students/schools sign up?

We work with schools across Australia to set up tailored trips for their graduating students who wish to travel together, or to help students sign up individually as part of a mixed-school team.

Sam Wade
Program Development Manager
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0435 357 538

VIEWPOINT :

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