

Weekly News for New South Wales

For September 16, 2019

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Open Days & Info Sessions

[CQU | STEPS Information Session, Sydney](#)

20 September 2019, 9:30 am - 10:30 am

CQUniversity Sydney

Need a little help to meet the entry requirements of your chosen university course? Or perhaps you just want some additional support to gain the knowledge, skills and confidence to successfully enter and undertake further study.

Find out how CQUniversity can be the support to your study and take the first step toward a brighter future with our Skills For Tertiary Education Preparatory Studies (STEPS) course.

STEPS is a free, Centrelink approved enabling course that is designed to help you acquire the necessary skills, knowledge and confidence to gain entry into university.

Find out more: <https://www.cqu.edu.au/events/event-items/information-session/steps-information-session29>

ACU | Campus Tour

25 September 2019, 10:00 am

Australian Catholic University, North Sydney Campus

Get a feel for campus life before you even start. Join one of ACU's monthly tours to see what's on offer.

Find out more: <https://www.acu.edu.au/student-life/experience-uni-before-you-start/explore-your-local-campus/campus-tours/booking-form>

Student Exchange Australia New Zealand | LIVE Online Info Session

25 September 2019, 8:30 pm - 9:30 pm

Online

The LIVE Online Info Session is conducted by a senior member of our staff using a service which allows us to meet online or over the telephone. You will be able to meet our representative over a video internet connection, ask any questions and watch a presentation.

Our LIVE online session will cover the following topics.

- Introduction to Student Exchange, the regulatory environment & benefits
- Program options, destinations & eligibility
- Safety and Wellbeing, our support system & where you will stay
- Money Matters, including available discounts & scholarships
- Deadlines & how to apply
- Why choose Student Exchange?

Find out more: <https://studentexchange.org.au/info-sessions/live-online/>

University of Sydney | Business School – Honours Information Session

27 September 2019, 3:00 pm - 5:00 pm

The University of Sydney, Camperdown

Discover the Business School's honours program and be inspired as you develop research skills designed to fast track your future. This session will give you the opportunity to interact with current and past honours students.

Find out more: <https://www.eventbrite.com.au/e/business-school-honours-information-session-registration-69116925585>

UTS | Honours in Science – Info Evening

1 October 2019, 4:30 pm - 7:30 pm

University of Technology Sydney

Meet researchers and current students, and learn about the exciting science research areas available for honours at UTS:

- Environmental Sciences

- Infection and Immunity
- Medical and Molecular Biosciences
- Applied Chemistry
- Applied Physics and Nanotechnology
- Mathematics, Statistics
- Forensics
- Biomedical Physics

Find out more: <https://www.eventbrite.com.au/e/uts-honours-in-science-info-evening-tickets-68095504487>

University of Sydney | Campus Tour

4 October 2019, 4:00 pm - 5:00 pm

The University of Sydney, Camperdown

Are you a future student? Come and join us for a guided tour of our Camperdown/Darlington campus led by our Student Ambassadors. Our Visit Sydney University Tours allow you to gain an insider's look at the campus and get the answers to any burning questions you have about university. Friends and family are welcome.

Tours are run from 4 to 5pm on the first Friday of every month.

Find out more: <https://sydney.edu.au/about-us/community-and-visitors/campus-tours/book-a-campus-tour.html>

YFU | Online Information Session

10 October 2019, 6:00 pm

Online

Going on exchange provides you with a unique opportunity to travel and study overseas with the support of Youth For Understanding Student Exchange organisations, a volunteer host family, a school and its community and local support people. Join one of YFU's information sessions and they will help you to plan your intercultural exchange to have the time of your life!

Find out more: <http://www.yfu.com.au/connect/infosessions/>

UOW | Community Campus Tour, Wollongong

15 October 2019, 9:45 am - 12:30 pm

University of Wollongong, Wollongong Campus

Join us for a free community tour of UOW's Wollongong campus. The tour will feature Early Start, Illawarra Health and Medical Research Institute (IHMRI) and SMART Infrastructure Facility.

Find out more: <https://www.uow.edu.au/events/2019/community-campus-tour---wollongong-campus.php>

Australian Volunteers Program Information Session, Sydney

15 October 2019, 6:15 pm

Museum of Sydney, Phillip Street

The Australian Volunteers Program supports thousands of skilled Australians to volunteer overseas. Learn how you can get involved.

Come to an information session and meet:

- Australian Volunteers Program staff who will share insights into the application process. They can also explain what support you receive as an Australian volunteer.
- Returned Australian volunteers who can share their experience on the program and give you a glimpse of what life is like as a volunteer.
- Other like-minded Australians interested in sharing their skills overseas.

Find out more: <https://www.eventbrite.com.au/e/sydney-australian-volunteers-program-information-session-registration-70222347933>

UOW | Business Major/Minor Info Session

16 October 2019, 12:30 pm - 1:30 pm

University of Wollongong, Wollongong Campus

Not sure which Major/Minor to choose? Then come along to our Major/Minor Info Session to discover your options.

Business staff and academics will be on hand to give you all the advice you need and to answer your questions about Internships, Study Abroad, Careers and the different Major/Minor study options.

Find out more: <https://www.uow.edu.au/events/2019/business-majorminor-info-session.php>

UOW | Bachelor of Commerce (Honours) Information Session

17 October 2019, 12:30 pm - 1:30 pm

University of Wollongong, Wollongong Campus

Thinking about doing your honours degree? Come along to our Honours Info Session to discuss your options with Honours Coordinators.

Come along to our Honours Info Session:

- Find out if the Honours Program is right for you
- Hear about the process of applying to the Honours Program
- What you can expect in a typical Honours Program
- What students gain out of successfully completing the Honours Program

Find out more: <https://www.uow.edu.au/events/2019/bachelor-of-commerce-honours-information-session.php>

UTS | Campus Tour

22 October 2019, 4:30 pm - 5:30 pm

University of Technology Sydney

Explore Australia's most innovative campus, located in the heart of Sydney with the best the city has to offer. Our experienced Student Ambassadors will lead you through the Broadway and Haymarket precincts, including a stop at the iconic Dr Chau Chak Building and the 220 seat multi-disciplinary Super Lab. They can help you answer your questions about courses, university life and all the exciting opportunities available to students at UTS.

Find out more: <https://forms.uts.edu.au/web/index.cfm>

Workshops & Courses

WSU | Public Astronomy Night: How to be a Cosmic Revolutionary

21 September 2019, 7:00 pm - 9:00 pm

Western Sydney University Penrith Campus (Kingswood)

Our universe is a strange place, but have scientists made it a bit too weird? Expanding space? Curved space? Dark matter and dark energy? Redshift? Why do scientists think that the Big Bang is a good idea? Dr Luke Barnes will explain the evidence for the Big Bang, and how you could try to do better.

Includes presentation, short 3D movie, tour of the dome and viewing of the night sky through a range of telescopes (weather permitting).

Find out

more: https://www.westernsydney.edu.au/home/events/public_astronomy_night_september_21

Elite Minds Academy | Secrets of the 99.95 ATAR

29 September 2019, 4:30 pm - 6:00 pm

Crestwood Community Centre, Baulkham Hills

We will be deconstructing the nuances of the HSC and the way ATAR is calculated. Attendees will have access to a Y12 text-specific class.

Seminar Lecturers:

- Samantha Vigneswaran (Studying Medicine at UNSW)
- Ava Lansley (Studying Teaching at USYD)

Both lecturers are extremely proficient when it comes to acing the HSC, with Ava coming first in her high school (SMSHS).

Topics that will be covered:

- The 99.95 ATAR

- The difference between ranks & marks
- Scaling
- Internal & external assessments

Find out more: <https://www.eventbrite.com.au/e/secrets-of-the-9995-atar-tickets-66772884495>

Wild Heart Creatives: Workshop Sessions

1 October 2019, 10:00 am - 10 October 2019, 2:30 pm

1 Castlereagh Street, Penrith

Wild Heart Creatives bring to Penrith industry workshops and training in artist development, vocal skills and more for upcoming artists.

Founded by Nicholas Leech, Wild Heart Creatives is a first of its kind; a Creative Initiative designed to aid artists in reaching real-industry goals, breaking down the barriers of the current creative climate, and bringing together upcoming and established artists to create real industry change.

Bringing its Artist Development Initiatives to Penrith, Wild Heart Creatives has worked with artists nationally and internationally on productions, performance coaching, vocal skills, artist development, songwriting camps and coaching, and more.

Find out more: <https://www.eventbrite.com.au/e/wild-heart-creatives-workshop-sessions-tickets-68775018933>

UOW Big Ideas Festival

16 October 2019, 5:00 pm - 9:00 pm

University of Wollongong, Wollongong Campus

The UOW Big Ideas Festival is a biannual event showcasing the University's ground-breaking research and outstanding academics.

This free event for the community will see ten Professors give a 10-minute talk on their big idea related to their research. With presentations investigating the importance of green spaces in our cities, financial literacy, diseases of the brain, the importance of purple coloured foods, delirium vs dementia, educational inequalities and more – the program is insightful, varied and relevant.

The evening will also feature a high profile guest speaker, interactive research stalls, local entertainment and refreshments.

Find out more: <https://www.eventbrite.com.au/e/uow-big-ideas-festival-2019-tickets-62289069283>

[Hello Big Institution: Online Course](#)

Hello Big Institution (HBI) is a free online course created with Australian artist Lara Thoms for young people in years 8–11.

HBI is a playful online course created to challenge students to rethink what art can be. Created in collaboration with artist Lara Thoms, the course introduces students to works from a broad range of artists, many of whom present work outside of the traditional gallery space. Teachers can enrol a whole class and facilitate the course, or motivated young learners can complete the course individually during the summer holiday session.

The course is completely free for all students in Australia.

For classes led by a teacher, you can enrol anytime between Monday 14 October to Friday 20 December.

For individual learners, you can enrol anytime between Saturday 21 December to Tuesday 28 January 2020.

Find out more and register your interest

here: <https://www.mca.com.au/learn/schools/secondary/hello-big-institution/>

[Curtin | Communicating with Robots and Bots MOOC](#)

Curtin University has released a new Massive Online Open Course titled “Communicating with Robots and Bots”. This course explores how people communicate with robots and bots in everyday life, both now and into the future.

Robots and bots are being developed to populate our homes, workplaces and social spaces, as well as the online spaces we frequent. How do people communicate with robots and bots?

What does the future hold for human-robot communication and collaboration?

During the course you will learn:

- Some ways to define what robots and bots *are*
- How people interpret robots and bots as communicating, social, even emotional others
- Whether robots and bots need to communicate in humanlike ways to be understood
- The potential of robots with non-humanlike form, behaviour and communication

The course is completely free and can be completed online.

Find out more and enrol here: <https://www.edx.org/course/communicating-with-robots-and-bots>

[ATAR Notes HSC Lectures – October School Holidays](#)

ATAR Notes are once again hosting a series of their popular HSC Lectures during the upcoming school holidays.

Running at both UTS and Macquarie University, these lectures will give you the information you need to know about acing your HSC exams. They have workshops for all subjects, including Sciences, History, English, Maths, Arts and more.

Best of all, they are completely free!

See all the upcoming sessions and book your place

here: <https://www.eventbrite.com.au/o/atar-notes-hsc-lectures-9009697476>

Scholarships

[Nimble Supporting Women in STEM Scholarship](#)

Value: \$5,000

Open/Closing Dates: July 1, 2019 – January 31, 2020

At Nimble, we are proud to support female students entering the STEM field with our Supporting Women in STEM Scholarship. Nimble has always actively supported a number of local charities and we continue to seek opportunities to explore educational partnerships. Our community efforts continue to grow and these efforts include the empowerment of emerging women in the STEM field.

To qualify as eligible for this scholarship, you must be:

- A female Australian citizen
- Enrolled full-time and studying for a certificate, diploma, degree or traineeship at an accredited Australian Tertiary Education Institution in any of the following areas related to STEM:
 - Science
 - Technology
 - Engineering
 - Mathematics

[Find out more](#)

[Courses.com.au Scholarship Program](#)

Value: \$5,000 USD

Open/Closing Dates: August 10, 2019 – January 28, 2020

Courses.com.au is proud to launch its 2019 Scholarship Program to provide students with the opportunity to advance their education! The scholarship will be open to all currently studying or enrolled in an online or on-campus course.

Eligibility:

- You must be 16 years old or over.
- You must have Australian Citizenship or Residency.
- You must be enrolled in a course related to one of the following:
 - [Accounting and Finance](#)
 - [Information Technology](#)

- [Business](#)
- [Education](#)

[Find out more](#)

[Canstar Future of Finance Student Scholarship](#)

Value: \$5,000

Open/Closing Dates: August 1, 2019 – December 1, 2019

As Australia's biggest financial comparison website and one of the country's fastest growing tech companies*, Canstar actively supports the future of the finance and technology industries. That's why we're offering a scholarship to the university student who's as passionate about these areas as we are.

We understand how much going to uni can demand of students – not just in dollars and cents – so the successful applicant will get a helping hand towards covering their uni costs, plus invaluable career guidance to help set them apart when the time comes to make their next career move.

To be eligible to apply you must:

- Be enrolled as a student at an [accredited Australian university](#)
- Be a permanent resident or citizen of Australia
- Be over 18 years of age

[Find out more](#)

[University of Sydney The Gregg Indigenous Scholarship](#)

Value: \$20,000

Open/Closing Dates: July 1, 2019 – January 31, 2020

This scholarship provides financial support to indigenous students in the Faculty of Science or the Sydney Conservatorium of Music.

You must:

- identify as an Aboriginal and/or Torres Strait Islander person as defined in the University of Sydney's [Confirmation of Aboriginal and Torres Strait Islander Identity Policy 2015](#).
- be enrolled or have applied to study a coursework degree in the Faculty of Science or the Sydney Conservatorium of Music, at the time of scholarship application submission.

[Find out more](#)

[University of Sydney James Strong – Rip Curl Undergraduate Scholarship](#)

Value: \$6,000

Open/Closing Dates: September 3, 2019 – February 3, 2020

Generously donated by the Rip Curl Group in memory and legacy of James Strong, this scholarship provides financial support to enable students to study Science at the University of Sydney. You must:

- be an Australian citizen or permanent resident
- enrol full-time in an undergraduate degree in the Faculty of Science
- have achieved an ATAR (or equivalent) of at least 90.00 in the NSW HSC (or equivalent) in the year of application.

Note: The scholarship will be awarded on the basis of academic merit and outstanding ability in sport. Preference will be given to applicants who have competed in sports at the state, national or international level.

[Find out more](#)

Competitions

[National Ag Day Careers Competition](#)

The Annual National Ag Day Careers Competition is back again for 2019 and is open for entries from students in years 5 through to 12.

The competition encourages students to create a career pathway in agriculture using LEGO characters and asks students to identify pathways for this career and to envision what a day in the life of their character would look like.

There is a prize of \$500 to be won in three age categories.

Entries are open until Monday 11 November.

Find out more and enter here: <http://archibullprize.com.au/careers/index.html>

[Thunderbolt Prize for Crime Writing 2019](#)

Entries are now open for the 2019 New England Thunderbolt Prize for Crime Writing.

In this, the seventh year of the Prize, there are six awards on offer for crime writers. All genres of crime writing are eligible, from hard-boiled to comic, paranormal to rural, historical to contemporary, noir to cosy. Entries welcome from anywhere in Australia, from published or unpublished writers.

Entries are open until Monday 7 October.

Find out more and enter here: <http://www.newc.org.au/thunderbolt-prize-2019.html>

Further Learning

Master Builders Pre-Apprenticeship Program

Are you wanting to do a construction apprenticeship, but aren't sure if you have the necessary skills?

Master Builders have created a three week Pre-Apprenticeship Program designed to help you gain the knowledge you need to become an apprentice. During the program you will learn all about tool handling, earn your White Card, learn about first aid and site safety, and participate in a hands-on simulated workshop environment.

The program is run at the Master Builders Education Centre in Norwest.

Find out more and register your interest here: <https://www.mbansw.asn.au/pre-apprenticeship-program>

Electrical Apprenticeship with HVTC

HVTC are currently taking applications for an Electrical Apprenticeship in Bomaderry, starting in 2020.

During the apprenticeship, you'll be employed by HVTC while completing on-the-job training with the host employer Manildra Group.

You will complete a Certificate III in Electrotechnology over 4 years through a combination of formal training with a Registered Training Organisation (RTO) and practical on-the-job experience.

Throughout your formal training and practical experience in the workplace, you will have the opportunity to:

- Perform general and preventative electrical maintenance
- Read electrical and mechanical diagrams, drawings or specifications to determine job requirements
- Plan the layout of wiring systems
- Test for, locate and repair electrical faults
- Install new electrical systems
- Carry out other duties that are within the limits of apprentice skills, competence and ability as required by Manildra Group

Applications are open until Friday 22 September.

Find out more and apply here: <https://www.seek.com.au/job/39823572>

Study in the US or UK

Now is the best time to start turning your ideas into action!

The US and UK application process is doable but if you're aiming for top unis, expert support and planning is crucial to your success.

[Click the link](#) to learn more and to request to speak to a Crimson Education US and UK uni expert for free.

Resources

[Early bird fees – University TAC Applications 2020](#)

If you're applying for University in 2020 through a Tertiary Admissions Centre (such as UAC), then you'll know that an application fee applies (with the exception of UTAS applications). There is still plenty of time to get your applications in, but if you'd like to take advantage of the early bird (lower) fees, then you'll need to get your applications submitted by the following dates:

VTAC (Victoria) submit your application by **5pm 30 September 2019** if you only want to pay \$39.

After this date the price goes up to \$113 for applications submitted by 5pm 1 November 2019, and \$148 for applications after that up until 5pm 6 December 2019.

UAC (New South Wales and the Australian Capital Territory), applications submitted before **midnight 30 September 2019** will only be charged a \$70 fee.

After this date (up until applications close on 7 February 2020), the fee goes up to \$200.

SATAC (South Australian and the Northern Territory) application fee is \$45 if you get it submitted by **30 September 2019**. After the early bird cut off date, the fee will be \$185.

TISC (Western Australia) only pay \$50 for your application, if you submit it before **11pm 30 September 2019**. After that date it'll go up to \$165.

QTAC (Queensland) only have one fee of \$44 per application right up until 29 February 2020. So there's no need to hurry to make the most of the early bird fee, but applying earlier could remove some of the pressure during your final exam period.

UTAS (Tasmania) don't charge an application fee, but they do list their 'on-time' application closing date as **5pm 30 September 2019**.

[Why you should explore scholarships](#)

If you're planning on further studies after high school, no matter if you're thinking about uni or vocational training, there's probably a scholarship for that.

No joke, there are literally *thousands* of scholarships available for Australians who are seeking to better their education and/or career prospects.

Lots of people think that scholarships are only there to benefit a very specific bunch of people. But that's not the case. Most scholarships are aimed at a certain category of applicants that's true. But there's a huge list of categories to choose from.

Some of the most **common scholarship categories** you might come across include:

- Specific subjects studies
- Gender
- Age
- Institution specific scholarships
- Aboriginal or Torres Strait Islander
- Rural or remote
- Academic Excellence
- Leadership
- Volunteering or community involvement
- Sporting, musical or performing ability
- Financially disadvantaged
- Disability

What are scholarships?

Scholarships are usually money that you receive from a provider, that you aren't expected to pay back – they're not a loan.

The money could be given as a one-off payment, or as small amounts annually or each semester.

There may be terms that you have to agree to, like mentor others, maintain a certain grade, be involved with specific activities, or write a thank you letter.

Scholarships can cover a variety of costs from tuition fees to living and accommodation costs, moving away from home & travel to get back home.

The money comes from lots of different places. From the government, businesses, and universities, to organisations or individuals with a little goodwill and some money to spare.

How to find one:

Searching for scholarships can get a bit overwhelming and time consuming. Try starting with the [Study Work Grow Scholarships page](#). If you can't find what you're after on there yet, keep checking back, we add new ones each week.

Otherwise, you can go to the holy grail of searching – the internet – and spend some time searching on there.

If you know where you'll be studying, check out what scholarships the institution has listed and see if you're eligible to apply for anything.

When you have decided what course you'll be doing, search for scholarships that could cover that subject.

You might be eligible for more than one category of scholarship, so check all that apply to you and your study choices.

How to apply

Unless you apply, you're not going to get awarded a scholarship.

1. Once you've done your searches, make sure you read through all the eligibility criteria to make sure you definitely can apply.
2. Read all the terms and conditions and make sure that you're happy to sign up to them.
3. Familiarise yourself with the application process. Make sure you note down and deadlines, interview days and other key dates.
4. Triple check your application and make sure you've attached any necessary supporting documents.

Why you should apply

If the only reason you're not considering further studies is because you're not sure how you'll afford it, you should definitely see what options are open to you and apply.

Looking for a way to boost your studies and get ahead of your cohort of graduates?

Scholarships that involve you in additional activities from networking and mentoring, to work experience and workshops, will be fantastic on your resume.

If you'd just like to leave uni with the least amount of debt possible, scholarships could be the way forward.

You might think that scholarships are highly competitive, and you don't think you'll stand a chance. Lots of popular scholarships *are* competitive – but that's ok, as long your application is in, you stand a chance too.

And let's not forget the scholarships that aren't oversubscribed because people just don't know about them, or they also think they won't stand a chance – so don't apply.

Each year there are thousands of dollars' worth of scholarships that go unclaimed, simply because students don't know they're there, or that they're eligible.

What if your application isn't successful?

Make sure you have a back-up plan.

Find out what loans you can apply for. Is there financial assistance that you're entitled to from Centrelink?

Check out grants and bursaries too, these are less merit based but more needs based.

See what part time jobs you could do while you're studying.

Looking after your mental health

Things can get pretty overwhelming in your teens. School, exams, friends, relationships, work...it seems like a lot to think about sometimes!

That's why it's so important to look after your mental health. In fact, it's just as important as staying physically healthy too.

Queensland Health has written a great blog with 5 tips to help you take care of your mental health. Here's a quick breakdown:

1. Learn about what mental health actually is

Some people can have a pretty negative reaction when they hear “mental health”. But it's something that we all have! It's our everyday emotional wellbeing, and we can do things to improve it.

2. Think about your diet

The things you eat and drink can have a surprisingly big impact on your mood. Having a consistent eating schedule is important too, so don't skip breakfast!

3. Be more active

Your physical and mental health are more closely linked than you might think. There is heaps of evidence showing that keeping active helps us feel better both physically and mentally.

4. Learn ways to deal with stress

Sometimes you won't be able to help feeling bad; it just happens. But when it does, remember that there are things you can do to get through it. Mindfulness has become very popular and is a great way to help manage stress.

5. Remember – mental health conditions are common and easily treatable

If you do find yourself struggling, remember that you're definitely not alone. It's always ok to speak up and seek help, and there are plenty of people and services out there to help.

Read the full article and see a great list of resources on the Queensland Health website here: <https://www.health.qld.gov.au/news-events/news/looking-after-your-mental-health-in-your-teens>

Job Spotlight

Space

With the Australian Space Agency (ASA) becoming a reality, careers within the space industry are set to grow in Australia. And you don't just have to be an astronaut or astronomer to get in on the Space action.

Think outside the box, **scientists** specialising in astrophysics, biology, chemistry, geology, medicine, meteorology, and physics. **Technicians** in communications, CAD, lasers, quality

assurance, radar, robotics and satellites. **Electricians**. Aeronautical, avionics, instrumentation, computer, materials, mechanical, robotics and space craft **engineers** are amongst other fields that will be in demand. Not to mention to administrative and other related fields.

What type of person would these jobs suit?

- Strong **STEM skills** and a passion for space exploration could help you stand out
- You'll need to be a great **team player** with good **leadership** qualities, who's also capable of following instructions
- Be **inquisitive, innovative** and great at **problem solving** in order to come up with solutions for problems and scenarios that are out of the ordinary
- Good **communication** and **listening** skills are extremely important in this industry to avoid making mistakes and potentially costly mis-communications

Related Industries that could be a pathway into the Space industry include:

- Science and Technology
- Aviation and Aviation Technology
- Construction
- Transport
- Engineering
- IT, Digital communications and media

Pathways

If you're keen to pursue a career in aerospace or one of the related industries, you'll find there are many pathways that'll get you there.

Lots of the professional roles will require at least a Bachelor degree, possibly even a Masters if you're going to beat other competitors to the job. Look for degrees that offer internships, cadetships and other work experience roles, in addition to the qualification. Not only will you get experience which looks great on your CV, you'll also be getting paid.

Study [Bachelor of Space Science at RMIT](#) and successfully complete it, you'll be eligible for one of the Honours or Postgraduate programs.

Alternatively, you could start out with a Certificate II, III or [IV in Aeroskills](#), like the one offered at TAFE Gippsland. It's a 4-year apprenticeship course that will give you nationally recognised qualifications and work experience. You can go on to study a Diploma of Aeroskills, which could be a pathway to University and other further studies.

Levels

Aircraft Maintenance Engineer

Apprenticeship / Traineeship

Or VET qualification in Aeroskills

Working in this role, you'd be installing, maintaining and repairing aircraft engines, mechanical structures, fuselage, undercarriage, electrical, instrument and radio systems. As well as aircraft structures and surface finishes.

You'd be working alongside or under the supervision of a degree qualified engineer.

Once you've received Aircraft Maintenance Engineer (AME) trade certificate and had sufficient work experience, you could do further studies and become a Licensed Aircraft Maintenance Engineer (LAME).

You could expect to earn \$70,000 once qualified & depending on experience and additional qualifications.

Jobs:

[Aircraft Maintenance Engineer – Edinburgh, SA](#)

[Aircraft Maintenance Engineer – Wagga Wagga, NSW](#)

[Licensed Aircraft Maintenance Engineer – Perth, WA](#)

Technical Intelligence Assessment Analyst

Bachelor Degree

You could find yourself working in the Defence Intelligence Organisation in the Weapons and Technical Intelligence branch. Conduct complex research and engineering analysis of weapon systems, radars, sensors, platforms and military technologies.

This could be a pathway in the aerospace industry.

The salary range for this position is advertised from \$67,000 – \$92,000.

Jobs:

[Technical Intelligence Assessment Analyst – Russell, ACT](#)

Electrical Engineer

Bachelor Degree

Design and develop new electrical system, solve problem and test equipment.

A career in this role could take you into the fields of robotics, deep space communications, control systems, extra-terrestrial GPS navigation and positioning, remote power generation and storage networks, imaging systems and more. All of which links nicely to the space industry.

The average salary listed for this industry is a whopping \$91,000 per year.

Jobs:

[RAAF Electrical Engineer – Australia](#)

[Electrical Engineer – Power – Adelaide, SA](#)

[Electrical Design Engineer – ACT](#)

Astrophysicist

Bachelor Degree

A degree in this field could lead to a career researching star formations, or working as a planetarium director. Responsible for forecasting geomagnetic storms for the BOM. The options are endless, but without doubt it will be related to the Space industry.

An entry level astrophysicist can expect to earn an average salary of \$74,000 per year. But with some experience, you could easily be earning over \$100,000 per year.

Jobs:

[Research Fellow in Theoretical Condensed Matter Physics – Melbourne, VIC](#)

[Research Fellow in X-Ray Optics – Melbourne, VIC](#)

[Lecturer -Sydney, NSW](#)

[Senior Machine Learning Engineer – Sydney, NSW](#)

Growth in this industry is **strong** and expected to improve.

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