



Australian  
Space Agency

# Careers in space

Be part of Australia's  
space workforce



Developed in partnership with

tafeSA



Government of  
South Australia

# Where could your interests take you?

Do you enjoy problem solving and collaborating? Are you passionate about improving life on Earth or curious about how the universe works?

A space career could be for you!

This booklet will help you explore the many different types of careers that Australia's space industry has to offer.

Discover the skills and study pathways that can get you where you want to go.

Engineers

**I want to...**

be part of teams that  
design, build and test  
spacecraft and systems.

# Space Systems Engineers

Design, build and test spacecraft, launches and ground-based systems.

Specialty areas include **Analysts, System and Subsystem Leads** and **Subsystem Architects** for:

- Mechanical, structures and mechanisms
- Thermal
- Propulsion
- Guidance, navigation and control
- Operations, Fault Detection Isolation and Recovery (FDIR) and Software
- Assembly, Integration and Test
- Systems
- Mission systems

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## Further specialty areas include:

- Aerothermodynamics
- Operations
- Payload types such as radar and optical

## Study pathways

**At Australian Universities, study:**

**Bachelor of Engineering**  
(Honours) (Mechanical)

**Bachelor of Engineering**  
(Advanced Manufacturing and Digital Design)

**Bachelor of Engineering Honours**  
(Mechanical and Mechatronic)

**Bachelor of Engineering Technology**  
(Systems and Security)  
/ **Bachelor of Science** (Physics)

**For higher level industry and research jobs, postgraduate aerospace engineering study at Masters and/or PhD level is recommended.**

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$87,000**

**Experienced  
\$161,000**

# Electrical, Electronics and Avionics Engineers

Design, construct, install and maintain electronic and electrical systems including communications, navigation and control.

## This can include:

- Satellite Electronics Engineer
- Avionics Engineer

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$90,000**

**Experienced**

**\$150,000**

## Study pathways

### At Australian Universities, study:

**Bachelor of Engineering** (Honours) (Electrical and Electronic)

**Bachelor of Engineering** (Honours) (Electrical and Mechatronic)

**Bachelor of Engineering** (Honours) (Electrical and Electronic)  
/ **Bachelor of Finance and Banking**

**Bachelor of Engineering** (Honours) (Electrical and Electronic)  
/ **Bachelor of Mathematical and Computer Sciences**

**Bachelor of Engineering Technology**  
(Electronic Systems and Security)

**Master of Engineering** (Aerospace)

**Master of Professional Engineering** (Aerospace Engineering)

**For higher level industry and research jobs, postgraduate study at Masters and/or PhD level is recommended.**



# Robotics Engineers

Build, install, operate, test and maintain robots, robotic components, devices and systems.

## Study pathways

**At Australian Universities, study:**

- Bachelor of Engineering** (Honours)
- Bachelor of Engineering** (Robotics)(Honours)
- Bachelor of Advanced Computer Science** (Honours)
- Master of Engineering** (Electrical and Electronic)
- Master of Professional Engineering** (Mechatronic)
- Bachelor of Engineering** (Robotics) (Honours)  
/ **Master of Engineering** (Electrical and Electronic)
- Master of Engineering** (Electronic)
- Graduate Diploma of Engineering** (MEM80125)

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Early Career  
\$102,000  
Experienced  
\$193,000**

# **Examples of new Space and/or Defence Courses:**

**Southern Hemisphere Space Studies Program**

**Diploma of Digital Technologies**

**Professional Certificate in Advisory Services**

**Graduate Certificate in Artificial Intelligence and Machine Learning**

**Graduate Certificate in Space Studies**

**Graduate Diploma in Artificial Intelligence and Machine Learning**

**Graduate Diploma in Engineering (Aerospace)**

**Master of Engineering (Aerospace)**

**Global Executive Master of Business Administration: Defence and Space**

## Scientists

**I like to...**

create breakthroughs in  
our understanding of space  
and work individually,  
or in teams, to research.



# Rocket Propulsion Scientists

## (Rocket Scientists)

Design, test, and manufacture spacecraft propulsion systems using scientific and engineering knowledge.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$93,000**

**Experienced  
\$156,000**

## Study pathways

**At Australian Universities, study:**

**Bachelor of Science** and choose to focus on:

- Physics
- Chemistry
- Biochemistry
- Mathematical Science
- High Performance Computational Physics
- Geographical Information Systems (GIS)
- Statistics

- Space Science and Astrophysics or
- Geoscience

**Other options include:**

**Bachelor of Computer Science**

**Bachelor of Mathematical Sciences**

**For higher level industry and research jobs, postgraduate study at Masters and/or PhD level is recommended.**

# Space Scientists

Apply the laws of physics, chemistry and geology to understand the universe.

## This can include:

- Astrophysicists
- Meteorologists
- Astronomers
- Geologists
- Chemists
- Materials Scientists
- Biochemists and Biophysicists
- Mathematicians
- Computer Scientists

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$80,000**

**Experienced  
\$200,000**

## Study pathways

### At Australian Universities, study:

#### **Bachelor of Science**

and choose to focus on:

- Physics
- Chemistry
- Biochemistry
- Mathematical Science
- High Performance Computational Physics
- Geographical Information Systems (GIS)
- Statistics

- Space Science and Astrophysics or
- Geoscience

### **Other options include:**

**Bachelor of Computer Science**

**Bachelor of Mathematical Sciences**

**Bachelor of Science** majoring in Nuclear and Radiation Physics

**For higher level industry and research jobs, postgraduate study at Masters and/or PhD level is recommended.**



# Flight Surgeons

Support the health, safety and wellbeing of astronauts, utilising medical science and technology to prevent and control hazards.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$324,000**

**Experienced  
\$688,000**

**At Australian Universities, study:**

Graduate Certificate of Aeromedical Retrieval

Bachelor of Medical Studies

Bachelor of Biomedicine

Bachelor of Medical Science

Master of Surgery

Master of Aeromedical Retrieval

Doctor of Medicine

# Designers, Engineering Technicians and Engineering Technologists

**I like...**

working in a team, using cutting  
edge technologies, to develop new  
processes and pathways to  
overcome challenges.



# CAD Drafters and Designers

Use computer-aided design to create and modify 2D or 3D designs, drawings and additive manufacturing (3D printing).

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$76,000**

**Experienced  
\$112,000**

## Study pathways

**At TAFEs across  
Australia, study:**

**Certificate III in Engineering  
Technical (MEM30522)**

**Certificate IV in Engineering  
Drafting (MEM40422)**

**Diploma of Engineering  
Technical (MEM50222)**

# Engineering Technicians

Work as an engineer to design, build and test equipment and systems, conduct experiments, collect data and identify and solve complex problems.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$71,000**

**Experienced**

**\$101,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate III in Engineering** Technical (MEM30522)

**Certificate IV in Engineering** Drafting (MEM40422)

**Diploma of Engineering** Technical (MEM50222)

**A range of Associate Degrees in Engineering**

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**At Australian Universities, study:**

**Diplomas and Associate Degrees in Engineering  
and Bachelor Degrees in**

- **Engineering Technology;**
- **Product Design;**
- **Digital Technologies; and**
- **Design and Technology Innovation**

# Engineering Technologists

Design specifications, analyse, modify, test and apply and construct new and existing engineering technologies to solve complex issues in consultation with engineers.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$74,000**

**Experienced  
\$114,000**

## Study pathways

**At TAFEs across Australia, study:**

**Diploma of Engineering** Technical (MEM50222)

**Diploma of Applied Technologies** (MEM50822)

A range of **Associate Degrees in Engineering**

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**At Australian Universities, study:**

**Diplomas and Associate Degrees in**

- **Engineering**
- **Engineering Technology**
- **Technology**

**or**

**Bachelor Engineering Technology**

**Machinists, Assembly  
and Testing Technicians**

**I want to...**

machine and assemble parts  
and components for space  
craft, satellites and other  
systems as part of Australia's  
future in space.



# CNC Machinists

Interpret and use technical CAD/CAM drawings and designs. Set up, program, operate and oversee industrial machinery, mills, lathes and tools to create precision measured metal parts.

**Other job titles and specialty functions include:**

- 3D Printing
- Additive Manufacturing

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Early Career**

**\$68,000**

**Experienced**

**\$96,000**

## Study pathways

**At TAFEs across Australia,  
become an apprentice and study:**

Certificate III in Engineering - Mechanical Trade (MEM30219)

Certificate IV in Engineering (MEM40119)

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**At a post-trade level, undertake skill sets in:**

Diploma of Engineering  
Advanced Trade (MEM50119)

# Mechanical Technicians

Machine, install, troubleshoot and maintain machinery, parts, hydraulics and equipment onto aircraft and spacecraft and follow safety standards.

## Other job titles include:

- Equipment Maintenance Technician
- Maintenance Technician
- Integration Technician
- Vehicle and Payload Technician
- Metrology Technician

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$77,000**

**Experienced**

**\$123,000**

## Study pathways

### At TAFEs across Australia, study:

**Certificate III in Engineering** – Mechanical Trade (MEM30219)

**Certificate IV in Aeroskills** – Mechanical (MEA40718)

**Certificate IV in Aeroskills** – Structures (MEA41322)

**Diploma of Aircraft Maintenance Engineering** – Mechanical (TB1) (11064NAT)

**Diploma of Aeroskills** (Avionics) – (MEA50118)

**Diploma of Aviation Maintenance Management** (MEA50422)

**Diploma of Engineering** – Advanced Trade (MEM50119)

**Bachelor of Engineering Technology**

(Aircraft Maintenance – Mechanical)

(Aircraft Maintenance – Avionics)

# Assembly/Assembler Technicians

Construct, assemble, fit, fasten, install parts and hydraulics using hand and power tools in aeroplanes, spacecraft and satellites.

**Other job titles and specialty functions include:**

- Structural Fitters and Technicians
- Maintenance Technicians

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$65,000**

**Experienced  
\$84,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate II in Engineering Pathways** (MEM20422)  
and then undertake a trade qualification:

**Certificate III in Engineering** – Fabrication Trade (MEM31922)

**Certificate III in Engineering** – Mechanical Trade (MEM30219)

**Diploma of Engineering** – Advanced Trade (MEM50119)

**Certificate II in Aeroskills** – Mechanical (MEA20418)

**Certificate IV in Aeroskills** – Mechanical (MEA40718)

**Diploma of Aeroskills** (Avionics) – (MEA50118)

**Diploma of Aeroskills** (Mechanical) – (MEA50219)

**Diploma of Aircraft Maintenance Engineering** –  
Mechanical (TB1) (11064NAT)



# Production Test Technicians

Monitor, adjust and test processes and equipment in the production environment.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Early Career  
\$65,000  
Experienced  
\$90,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate III in Engineering – Mechanical Trade (MEM30219)**

**Diploma of Engineering – Technical (MEM50222)**

**Diploma of Applied Technologies (MEM50822)**

# Avionics and Electronics Technicians, Electrical and Automation Technicians

## I want to...

install, test and repair  
electronics, communications  
and control systems and  
set up, monitor and repair  
automated and  
robotic systems.

# Avionics Technicians

Install, inspect, test, adjust and repair electronic equipment on air and spacecraft.

## Similar jobs include:

- Electronics Technician
- Communications Technician
- Instrumentation Technician
- Radar Technician
- Satellite Technician
- Simulator Technician
- Sensor Technician

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Early Career  
\$70,000**

**Experienced  
\$106,000**

## Study pathways

### At TAFEs across Australia, study:

**Certificate II in Electronics (UEE21920)**

**Certificate III in Electronics and Communications  
(UEE30920)**

**Diploma of Electronics and Communications Engineering  
(UEE50520)**

**Associate Degree in Electronic Engineering (CRS1400029)**

**Certificate IV in Aeroskills – Avionics (MEA40618)**

**Diploma of Aircraft Maintenance Engineering –  
Mechanical (TB1) (11064NAT)**

**Diploma of Aircraft Maintenance Engineering –  
Avionics (TB2) (11065NAT)**

# Electricians and Electrical Technicians

Construct, install, test, problem solve, automate and use instrumentation to repair electrical systems, equipment and components.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Early Career  
\$77,000**

**Experienced  
\$123,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate III in Electrotechnology Electrician** (UEE30820) and undertake an apprenticeship to become a licensed electrician.

**Certificate IV in Electrical Instrumentation** (UEE40420)

**Diploma of Electrical Engineering** (UEE50420)

**Diploma of Applied Technologies** (MEM50822)

**Associate Degree in Electrical Engineering** (CRS1400352)



# Automation and Robotics Technicians

Assist engineers to build, install, automate, test, analyse and use mechatronics to maintain robots, robotic components, devices and systems.

## Other job titles include:

- Remote Systems Technician

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Early Career  
\$68,000**

**Experienced  
\$110,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate III in Emerging Technologies (22589VIC)**

**Diploma of Electronics and Communication Engineering (UEE50520)**

**Diploma of Electrical Engineering (UEE50420)**

**Diploma of Applied Technologies (MEM50822)**

**Associate Degree in Electronic Engineering (CRS1400029)**



**Data Scientists, Analysts, Software  
Developers and Engineers,  
Programmers and Serious  
Game Developers**

**I want to...**

gather and analyse big data,  
and develop software and  
simulations.

# Computer Scientists, Data Scientists and Analysts

Collect, organise, interpret and report on data to gain insights and information for organisations.

## Specialty functions include:

- Natural Language Processing
- Artificial Intelligence and Machine Learning
- Global Information Systems (GIS) Analysis

## Study pathways

### At Australian Universities, study:

Bachelor of Computer Science

Bachelor of Mathematics / Computer Science

Bachelor of Applied Data Analytics

Bachelor of Data Science

Bachelor of Science - Data Science

Bachelor of Information Technology

(Big Data and Analytics)

Master of Engineering Practice in Intelligent Industrial Control and Autonomous Systems Engineering

Master of Data Science

Master of Artificial Intelligence and Machine Learning

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$109,000**

**Experienced**

**\$181,000**

# Software Developers and Software Engineers

Design, program, test, implement and maintain software programs.

**This can include:**

- Space Systems
- Ground Systems
- Space Simulations

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$97,000**

**Experienced**

**\$145,000**

## Study pathways

**AT TAFEs across Australia, study:**

**Certificate IV in Information Technology**  
(Programming) (ICT40120)

**Diploma of Information Technology**  
(Advanced Programming) (ICT50220)

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**At Australian Universities, study:**

**Bachelor of Computer Science**

**Bachelor of Software Engineering** (Honours)

**Bachelor of Business Information Systems**

**Bachelor of Computer Systems Engineering** (Honours)

**Bachelor of IT** (Software Development)

**Bachelor of Engineering (Hons)** (Software Engineering)

**Master of Software Engineering**

**Master of Computer Science**

# Intelligent Game Developers

Build, program and utilise systems and games in virtual reality, augmented reality and simulations to analyse data, make intelligent decisions and interacts with others in human-like ways.

## Similar jobs include:

- Serious Games Developer
- Simulation Developer

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Early Career**

**\$102,000**

**Experienced**

**\$159,000**

## Study pathways

### At TAFEs across Australia, study:

#### Diploma of Screen and Media

(Animation, Gaming and Visual Effects) (CUA51020)

#### Advanced Diploma of Screen and Media

(Content Creation and Design) (CUA60620)

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### At Australian Universities, study:

#### Bachelor of Creative Industries

#### Bachelor of Information Technology (Game Development)

#### Bachelor of Serious Games

#### Bachelor of Games and Interactive Environments

(Game Design)

# Information Technology and Cyber Security

## I want to...

develop the ICT systems  
and build the cyber security  
frameworks that will secure  
the Australian space sector's  
future activities.

# Network and Systems Administrator

Configure, install, maintain and protect software, hardware and the network.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$90,000**

**Experienced**

**\$131,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate IV in Information Technology**  
(Networking) (ICT40120)

**Diploma of Information Technology** (Advanced Networking)  
and (Cloud Engineering) (ICT50220)

**Advanced Diploma of Information Technology** (ICT60220)

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**At Australian Universities, study:**

**Bachelor of Computer Science**

**Bachelor of Engineering Technology** (Systems and Security)  
/Bachelor of Science (Physics)

**Bachelor of Information Technology**  
(Networking and Cybersecurity)

**Master of Information Technology in Networking**

**Master of Engineering** (Systems)

**Master of Information Technology**  
(Network and Cybersecurity Systems)

# Cyber Security Specialists and Managers

Plan, test and implement security measures to protect computer networks and systems from cyber-attacks and manage incident responses according to cybersecurity policies.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$129,000**

**Experienced**

**\$180,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate IV in Cyber Security (22603VIC)**

**Diploma of Information Technology (Cyber Security)**  
(ICT50220)

**Advanced Diploma of Cyber Security (22610VIC)**

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**At Australian Universities, study:**

**Graduate Certificate in Cyber Security**

**Bachelor of Computer Science**

**Bachelor of Engineering Technology (Systems and Security)**

**Bachelor of Information Technology**  
(Networking and Cyber Security Systems)

**Master of Cybersecurity**

**Master of Information Technology and Systems**

**Law, Project Management  
and Business Support**

**I want to...**

play a pivotal role in the  
successful running of Australian  
space sector projects  
and missions.





# Work, Health and Safety Officers

Ensure compliance and continuous improvement of health and safety systems, conduct risk assessments and advise managers and employees.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level  
\$83,000**

**Experienced  
\$137,000**

## Study pathways

At TAFEs across Australia, study:

**Certificate III in Work Health and Safety (BSB30719)**

**Certificate IV in Work Health and Safety (BSB41419)**

**Diploma in Work Health and Safety (BSB51319)**

**Advanced Diploma of Work Health and Safety (BSB60619) (Other RTOs)**

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At Australian Universities, study:

**Graduate Certificate in Safety Leadership**

**Graduate Certificate in Occupational Health and Safety (Online)**

**Graduate Certificate in Systems Safety Engineering**



# Space Law

Provide advice and prepare legal contracts and documentation to ensure compliance with Australian treaties and international laws.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$127,000**

**Experienced**

**\$250,000**

## Study pathways

At Australian Universities, study:

**Bachelor of Laws**

**Bachelor of Science majoring in Space Science and Astrophysics**

**Graduate Course in Space and Governance**

# Space Business Development

Identify, build and plan new customer and business proposals to gain additional business opportunities.

## Study pathways

**At TAFEs across Australia, study:**

**Certificate III in Business** (BSB30120)

**Diploma of Business** (BSB50120)

**Diploma of Business** (Operations) (BSB50120)

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**At Australian Universities, study:**

**Bachelor of Business Management**

**Bachelor of Commerce**

**Bachelor of Business**

**Graduate Certificate in Commerce**

**Master of Commerce**

**Global Executive Master of Business Administration: Defence and Space**

**Master of Project Management**

**Graduate Diploma of Project Management**

**Graduate Certificate in Project Management**

**Bachelor of Project Management**

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$77,000**

**Experienced**

**\$129,000**

# Project Managers and Mission Managers

Plan and manage resources for projects to deliver on time and on budget. Frequently these roles are filled by experienced engineers or scientists.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$99,000**

**Experienced**

**\$151,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate IV in Project Management Practice (BSB40920)**

**Diploma of Project Management (BSB50820)**

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**At Australian Universities, study:**

**Master of Project Management**

**Graduate Diploma of Project Management**

**Graduate Certificate in Project Management**

**Bachelor of Project Management**

## Space Communications and Creative Courses

**I love space...**

and want to communicate  
and design assets that educate  
the world about Australia's  
exciting and critical  
role in space.

# Space Communicators

Promote or create an intended image for individuals and space industry companies to increase awareness of capability, goals and achievements.

MEDIAN  
AUSTRALIAN  
SALARY:

**Entry Level**

**\$87,000**

**Experienced**

**\$122,000**

## Study pathways

### At TAFEs across Australia, study:

**Certificate IV in Marketing and Communication** (BSB40820)

**Diploma of Marketing and Communication** (BSB50620)

**Advanced Diploma of Marketing and Communication** (BSB60520)

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### At Australian Universities, study:

**Graduate Certificate of Business** (Marketing)

**Bachelor of Business** (Majoring in Marketing)

**Master of Management** (Marketing)

**Master of Management** (Advertising and Brand Management)

# Graphic Designers

Produce images, illustrations, infographics, videos, photos and animation to promote space concepts and companies.

**Other job titles and specialty functions include:**

- Illustrator
- Artist
- Launch Photographer

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$76,000**

**Experienced**

**\$109,000**

## Study pathways

**At TAFEs across Australia, study:**

**Diploma of Graphic Design (CUA50725)**

**Advanced Diploma of Graphic Design (CUA60325)**

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**At Australian Universities, study:**

**Graduate Certificate of Creative Arts**

**Graduate Certificate in Creative Industries**

**Bachelor of Creative Arts**

**Bachelor of Media and Communication**

**Bachelor of Arts/Bachelor of Media & Communications**

**Bachelor of Visual Arts**

**Bachelor of Visual Arts and Design**

**Bachelor of Visual Communication Design**



# Education Outreach

Plan, develop and deliver educational materials and events activities for school and higher education students.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$85,000**

**Experienced**

**\$140,000**

## Study pathways

**At Australian Universities, study:**

**Bachelor of Science with a Bachelor/  
Master of Teaching (Secondary)**

**Graduate Diploma in Education Studies  
(Digital Learning)**

**Graduate Certificate in Education  
(Digital Learning)**



# Media and PR

Build interest in companies with media, government and the public by marketing, creating advertising, planning events, social media, print-based and online content. Translate complex technical information into engaging content and experiences.

**MEDIAN  
AUSTRALIAN  
SALARY:**

**Entry Level**

**\$88,000**

**Experienced**

**\$116,000**

## Study pathways

**At TAFEs across Australia, study:**

**Certificate IV in Marketing and Communication (BSB40820)**

**Diploma of Marketing and Communication (BSB50620)**

**Advanced Diploma of Marketing and Communication (BSB60520)**

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**At Australian Universities, study:**

**Bachelor of Media and Communications**

**Bachelor of Creative Arts/Bachelor of Media and Communication**

**Master of Public Relations and Advertising**

# Australian Apprenticeships and Traineeships

## Traineeships and apprenticeships

can help you kick-start your career by allowing you to earn while you learn.

These opportunities can be undertaken at any point in your career and provide you with the practical skills required to hit the ground running in your chosen career.

**While there are no entry requirements for an apprenticeship or traineeship, some qualifications may have specific entry requirements.**

# Apprenticeships

An apprenticeship leads to a trade qualification so you can become a tradesperson or skilled technician. An apprenticeship will typically take 3-4 years to complete full time.

## **In the space industry, examples of apprenticeships include:**

- Engineering Technicians
- Engineering Tradespersons – Mechanical
- Electronics Technicians
- Electricians

Apprenticeships mix hands on learning through on-the-job experience with training undertaken with a registered training organisation such as a TAFE or trade school. The training completed with a registered training provider may include classroom-based learning, skill development in a workshop, online learning, or a combination of these.

## **Apprentices can be employed:**

- Part time
- Full time
- While still in school

An apprenticeship can be undertaken from a Certificate III all the way up to an Advanced Diploma.

School-based apprenticeships allow you to complete an apprenticeship while still in school. Along with part-time learning at a registered training organisation, and on-the-job work experience, you'll also spend some time at school.

# Traineeships

A Traineeship leads to a qualification in a specific occupation and will typically take 1-2 years to complete full time.

## **In the space industry, examples of traineeships include:**

- Work Health and Safety Officers
- Project Administrators
- Systems Administrators
- Multimedia Designers

A traineeship requires training with a registered training organisation, such as a TAFE, and may also require on-the-job work experience. The training completed with a registered training provider may include classroom-based learning, online learning or a combination of these.

## **Trainees can be employed:**

- Part time
- Full time
- While still in school

A traineeship can be undertaken from a Certificate II all the way up to an Advanced Diploma.

## **Curious to know more?**

To find out all the details about how to start your journey with an apprenticeship or traineeship, including any government incentives available, check out [\*\*www.apprenticeships.gov.au\*\*](http://www.apprenticeships.gov.au)



## Information for Employers

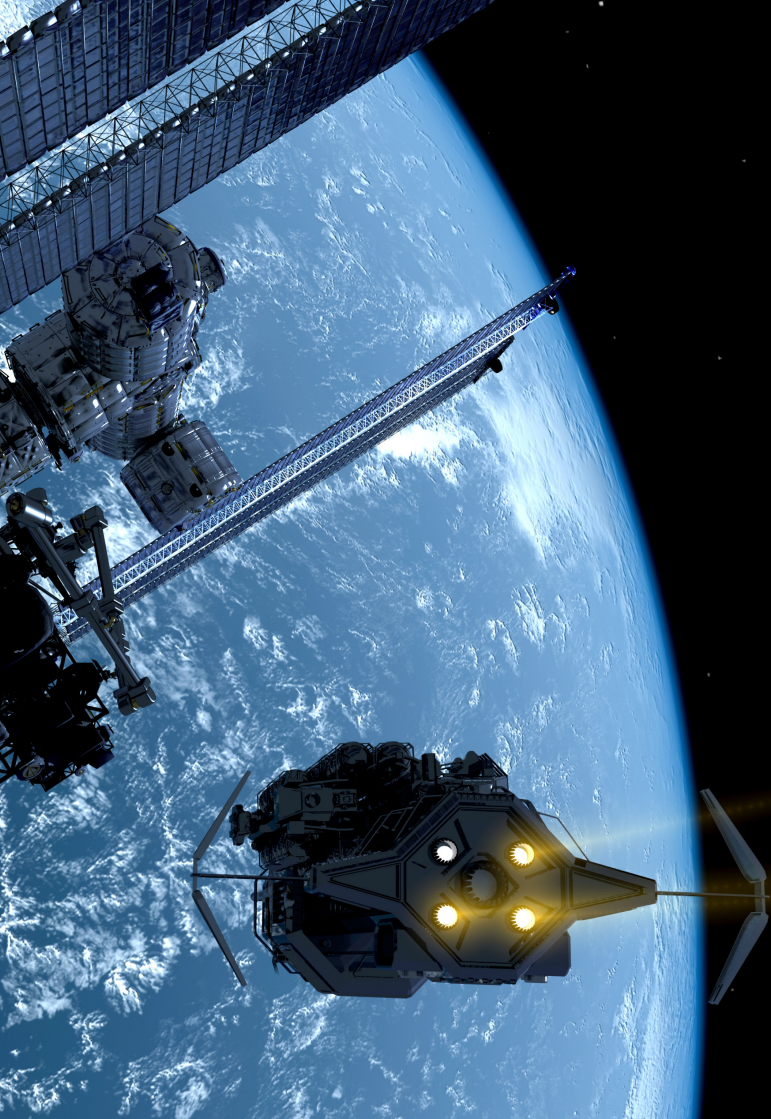
Are you an employer wanting to know more about how to hire an apprentice?

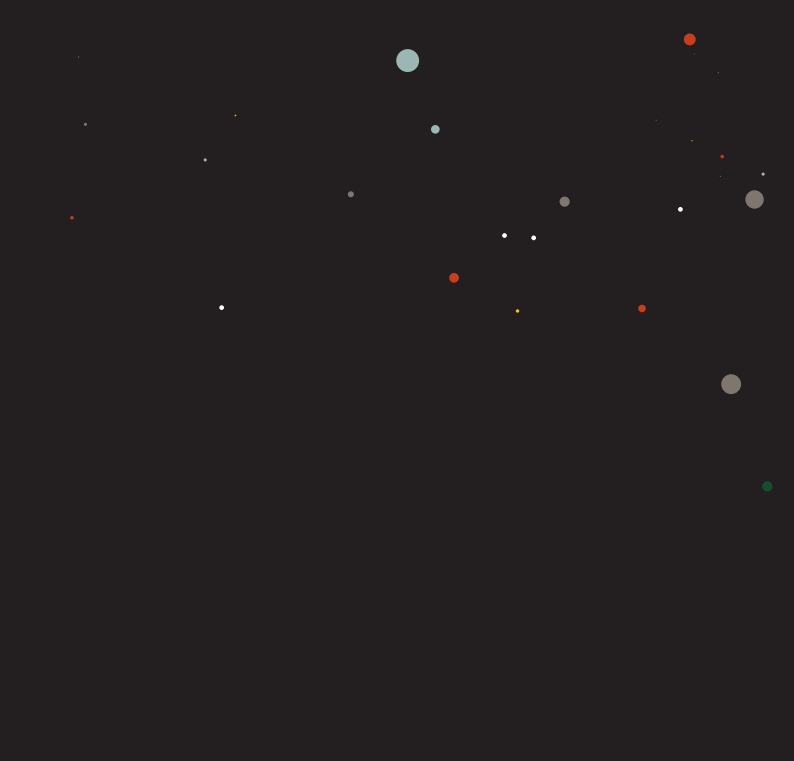
Apprentices are valuable members of your team who are ready and enthusiastic to learn. Hiring an apprentice will help you meet the current workforce needs of your business, as well as future needs, by ensuring you have access to skilled staff.

A portion of the learning undertaken by an apprentice is obtained on-the-job, so you'll need to make sure your business has the time available to support their learning as well as someone qualified to supervise them.

To find out more about your responsibilities as an employer, along with incentives available, and the steps you need to take to hire an apprentice, access the Australian Apprenticeships website:

**[www.apprenticeships.gov.au/employers](http://www.apprenticeships.gov.au/employers)**





Vocational qualification titles and national codes are correct at the date of publishing (January 2026).

Salaries to be used as a guide only and have been sourced from Talent.com, Seek.com.au, Indeed.com, Payscale.com (Australia), Hayes ANZ Salary Guide, Paxus Salary Guide, au.Jooble.org, Randstad.com.au, Salary Expert.com, Glassdoor.com.au and erieri.com (Economic Research Institute) during November 2025. Salaries may vary depending upon your location and qualifications held.

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