AEROSPACE CAREER OPPORTUNITIES ALIGNED WITH VOCATIONAL EDUCATION
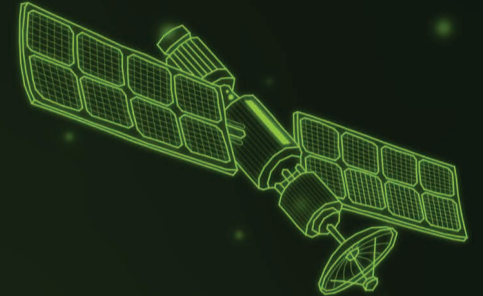
tafeSA

Government of South Australia

South Australia is on a mission to be a leading force behind the nation's expanding space sector. With a rich history in space activity, dating back to 1947 with the establishment of the Woomera Rocket Range, our state continues to make significant contributions. We are proud to be home to the Australian Space Agency, the Australian Space Discovery Centre, and a world-class mission control centre.

With over 100 space-related companies based in South Australia, the space sector offers a diverse array of career opportunities. From the design and manufacture of small satellites, components, instrumentation, and sensors to mission control, launch operations, and ground stations, the industry is experiencing rapid growth. TAFE SA is committed to supporting this mission by providing a wide range of qualifications tailored to meet the needs of the space industry.

Take one giant leap and explore the study pathways available through TAFE SA for a dynamic career in the space sector.

TECHNICAL & ENGINEERING

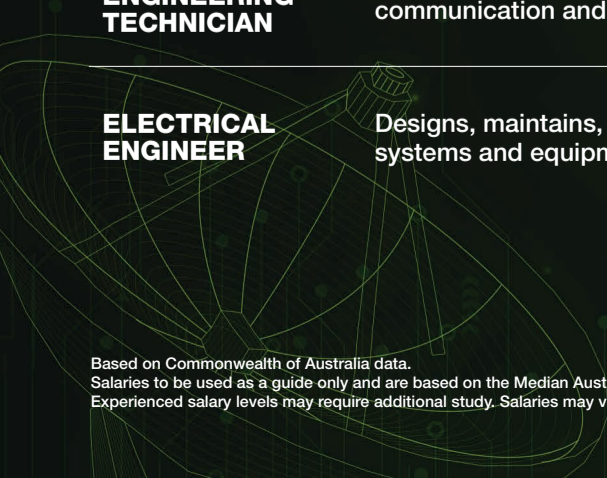| TITLE	DESCRIPTION	MEDIAN AUSTRALIAN SALARY	RELEVANT VOCATIONAL QUALIFICATIONS
CAD DRAFTER & CAD DESIGNER	Modifies 2D and 3D designs of aircraft parts and designs for safety, quality and high performance.	Entry Level $65,000 Experienced $90,000	❯ Certificate III in Engineering – Technical (MEM30522) ❯ Diploma of Engineering – Technical (MEM50222)
TECHNOLOGIST	Analyses, modifies, tests and applies new and existing engineering technologies.	Entry Level $79,000 Experienced $118,000	❯ Diploma of Engineering – Technical (MEM50222) ❯ Associate Degree in Electronic Engineering (CRS1400029)
CNC MACHINIST	Constructs mechanical systems using a variety of equipment and computer systems.	Entry Level $67,000 Experienced $90,000	❯ Certificate II in Engineering Pathways (MEM20422) ❯ Certificate III in Engineering – Mechanical Trade (MEM30219)
MECHANICAL FITTER/ TECHNICIAN	Installs machinery, parts and equipment onto aircraft.	Entry Level $76,000 Experienced $101,000	❯ Certificate II in Engineering Pathways (MEM20422) ❯ Certificate III in Engineering – Mechanical Trade (MEM30219)
TRAINING DEVICE TECHNICIAN	Repairs, tests, installs, configures, upgrades and assists in the modification of training simulators, components, devices, hardware and software. Qualifications held by these job holders may be from electronics, software development, networking and/or mechanical trade.	Entry Level $65,000 Experienced $85,000	❯ Certificate III in Electronics and Communications (UEE30920) ❯ Diploma of Electronics and Communications Engineering (UEE50520) OR ❯ Certificate IV in Information Technology (Programming) (ICT40120) ❯ Diploma of Information Technology (Advanced Programming) (ICT50220) OR ❯ Certificate IV in Information Technology (Networking) (ICT40120) ❯ Diploma of Information Technology (Advanced Networking & Cloud Engineering) (ICT50220) OR ❯ Certificate III in Engineering – Mechanical Trade (MEM30219)

STRUCTURE & REPAIRS

TITLE	DESCRIPTION	MEDIAN AUSTRALIAN SALARY	RELEVANT VOCATIONAL QUALIFICATIONS
STRUCTURAL FITTER / TECHNICIAN	Fabricates, installs and repairs sheet metal products.	Entry Level $74,000 Experienced $129,000	❯ Certificate II in Engineering Pathways (MEM20422) ❯ Certificate III in Engineering – Fabrication Trade (MEM31922)

ELECTRONICS/ELECTRICAL

TITLE	DESCRIPTION	MEDIAN AUSTRALIAN SALARY	RELEVANT VOCATIONAL QUALIFICATIONS
ELECTRONICS TECHNICIAN	Constructs and installs electronic equipment such as communication and navigational systems.	Entry Level $69,000 Experienced $90,000	❯ Certificate II in Electrotechnology (Career Start) (UEE22020) ❯ Diploma of Electronics and Communications Engineering (UEE50520)
ELECTRONICS ENGINEERING TECHNICIAN	Constructs and installs electronic equipment such as communication and navigational systems.	Entry Level $66,000 Experienced $87,500	❯ Diploma of Electronics and Communications Engineering (UEE50520) ❯ Associate Degree in Electronic Engineering (CRS1400029)
ELECTRICAL ENGINEER	Designs, maintains, implements and improves electrical systems and equipment.	Entry Level $98,500 Experienced $171,500	❯ Diploma of Electrical Engineering (UEE50420) ❯ Associate Degree in Electrical Engineering (CRS1400352)

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INFORMATION TECHNOLOGY

TITLE	DESCRIPTION	MEDIAN AUSTRALIAN SALARY	RELEVANT VOCATIONAL QUALIFICATIONS
MULTI-MEDIA TECHNICIAN	Designs, implements and maintains software programs.	Entry Level $85,000 Experienced $103,000	› Certificate IV in Information Technology (Programming) (ICT40120) › Diploma of Information Technology (Advanced Programming) (ICT50220)
CYBER SECURITY SPECIALIST	Plans and carries out security measures to protect an organisation's computer networks and systems against cyber-attacks.	Entry Level $90,000 Experienced $145,000	› Certificate IV in Cyber Security (22603VIC) › Diploma of Information Technology (Cyber Security) (ICT50220)
NETWORK AND SYSTEMS	Implements and maintains network hardware and software.	Entry Level $85,000 Experienced $110,000	› Certificate III in Information Technology (ICT30120) › Certificate IV in Information Technology (Systems Administration Support) (ICT40120) › Certificate IV in Information Technology (Networking) (ICT40120) › Diploma of Information Technology (Advanced Networking) & (Cloud Engineering) (ICT50220)
SOFTWARE DEVELOPER AND ENGINEER	Designs, develops, tests and maintains complex software systems. The software engineer builds upon the software functions created by the software developers and how they will work.	Entry Level $97,000 Experienced $160,000	› Certificate IV in Information Technology (Programming) (ICT40120) › Diploma of Information Technology (Advanced Programming) (ICT50220)

OTHER

TITLE	DESCRIPTION	MEDIAN AUSTRALIAN SALARY	RELEVANT VOCATIONAL QUALIFICATIONS
TRAINERS	Designs and delivers high quality training and assessment to oversee apprentices, ensure compliance and safety.	Entry Level $76,000 Experienced $111,000	› Available at RTOs across Australia - Workplace Trainer Skill Set (TAESS00020)
MAINTENANCE TECHNICIAN	Performs tests, repairs, inspections, maintenance and records management for aircraft.	Entry Level $71,800 Experienced $121,000	› Certificate IV in Aeroskills (Avionics) (MEA40618) offered at other RTO's › Diploma of Aviation Maintenance Management (Avionics) (MEA50422) offered at other RTO's
QUALITY ASSURANCE /ANALYST SPECIALIST	Inspects, implements, detects and solves problems to ensure quality standards are met.	Entry Level $70,000 Experienced $120,000	› Relevant qualification from universities or other RTO's
PROCUREMENT MANAGER	Plans and manages supply of goods and services in and out of organisation.	Entry Level $110,000 Experienced $180,000	› Diploma of Business specialisation in Procurement (BSB50120) offered at other RTO's
AEROSPACE ENGINEER	Designs, constructs and tests aircraft, spacecraft, missiles and satellites for technical and financial viability and safety.	Entry Level $80,000 Experienced $200,000	› Relevant qualification from universities or other RTO's
AVIONICS ENGINEER	Designs, constructs, installs, maintains and tests aircraft computer components including navigation systems and autopilot.	Entry Level $80,000 Experienced $170,000	› Relevant qualification from universities or other RTO's

GENERAL

TITLE	DESCRIPTION	MEDIAN AUSTRALIAN SALARY	RELEVANT VOCATIONAL QUALIFICATIONS
PROJECT MANAGER	Plans and manages resources for projects to deliver on time and budget.	Entry Level $150,000 Experienced $200,000	› Certificate IV in Project Management Practice (BSB40920) › Diploma of Project Management (BSB50820)
WORK, HEALTH AND SAFETY MANAGER	Ensures health and safety of all employees, manages injuries and return to work.	Entry Level $100,000 Experienced $150,000	› Certificate IV in Work Health and Safety (BSB41419) › Diploma of Work Health and Safety (BSB51319) offered at other RTO's
HUMAN RESOURCES ADVISOR	Provides advice on personnel and staffing issues including recruitment, benefits and training.	Entry Level $80,000 Experienced $120,000	› Diploma of Human Resource Management (BSB50320)
HUMAN RESOURCES MANAGER	Plans and implements recruitment, employee policies and workplace relations activities.	Entry Level $120,000 Experienced $200,000	› Diploma of Human Resource Management (BSB50320) › Advanced Diploma of Human Resource Management (BSB60320)
ACCOUNTS OFFICER	Processes and manages accounts receivable/payable and reports financial activities.	Entry Level $58,000 Experienced $70,000	› Certificate III in Financial Services (FNS30122) offered at other RTO's › Certificate III in Accounts Administration (FNS30322) › Certificate IV in Accounting and Bookkeeping (FNS40222) › Diploma of Accounting (FNS50222)
FINANCE MANAGER	Plans and manages accounting activities within an organisation.	Entry Level $120,000 Experienced $165,000	› Diploma of Accounting (FNS50222)
TEAM LEADER/ FOREPERSON	Oversees day-to-day business activities. May supervise others.	Entry Level $92,000 Experienced $126,000	› Certificate IV in Leadership and Management (BSB40520) › Diploma of Leadership and Management (BSB50420)

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