

# AIRCRAFT MAINTENANCE ENGINEERING TRAINING

CERTIFICATE IV IN AEROSKILLS

**DOMESTIC**



# AVIATION AUSTRALIA IS AUSTRALIA'S PREMIER EDUCATION ORGANISATION SPECIALISING IN AVIATION TRAINING.

Aviation Australia is a world class, registered training organisation, established by the Queensland State Government in 2001 to support the development and growth of aviation and aerospace industries in both the Australian and international markets. Since this time, the company has trained or facilitated the training of over 40,000 aviation personnel for more than 150 customers worldwide.

Located in Brisbane and Cairns, Aviation Australia is the largest maintenance engineering training provider in the Southern Hemisphere. The company's state-of-the-art technical training facilities feature world class hangars and a comprehensive range of workshops, training aides, aircraft and simulators. Aviation Australia's instructors are highly experienced professionals, drawn from every area of the local and international aviation and aerospace industries.

Aviation Australia's aircraft maintenance engineering courses provide you with the

essential training required to begin your aviation career in aircraft maintenance. Students undertake the essential pre-apprenticeship, underpinning vocational theory training towards the Certificate IV in Aeroskills (Avionics or Mechanical), with the mechanical trade stream having options for rotary-wing and structures pathways. Already employed apprentices can also take advantage of our block-release theory training programs.

The course delivery is in line with the CASR Part 66 basic knowledge syllabus. Delivered in a modular format with CASR Part 66 Multi-Choice-Question examinations as summative assessments. If the modular examinations are passed as per CASA regulatory requirements (75% or above), this gives the graduates a number of credits towards the application of an Aircraft Maintenance Engineer Licence in the future.

For units of competency that don't align with Part 66 modules (e.g. Participate in environmentally sustainable work practices), candidates will be assessed through online training courses with work-based assignments.

Aviation Australia students may graduate apprenticeship ready, with no requirement to return for further theory training during your apprenticeship.



**GRADUATES IN STRONG DEMAND**  
WITH GLOBAL AIRLINES AND INDUSTRY



**FLEXIBLE COURSE DELIVERY**  
COMPLETE AUSTRALIAN AND LOCAL MARKET TRAINING SOLUTIONS

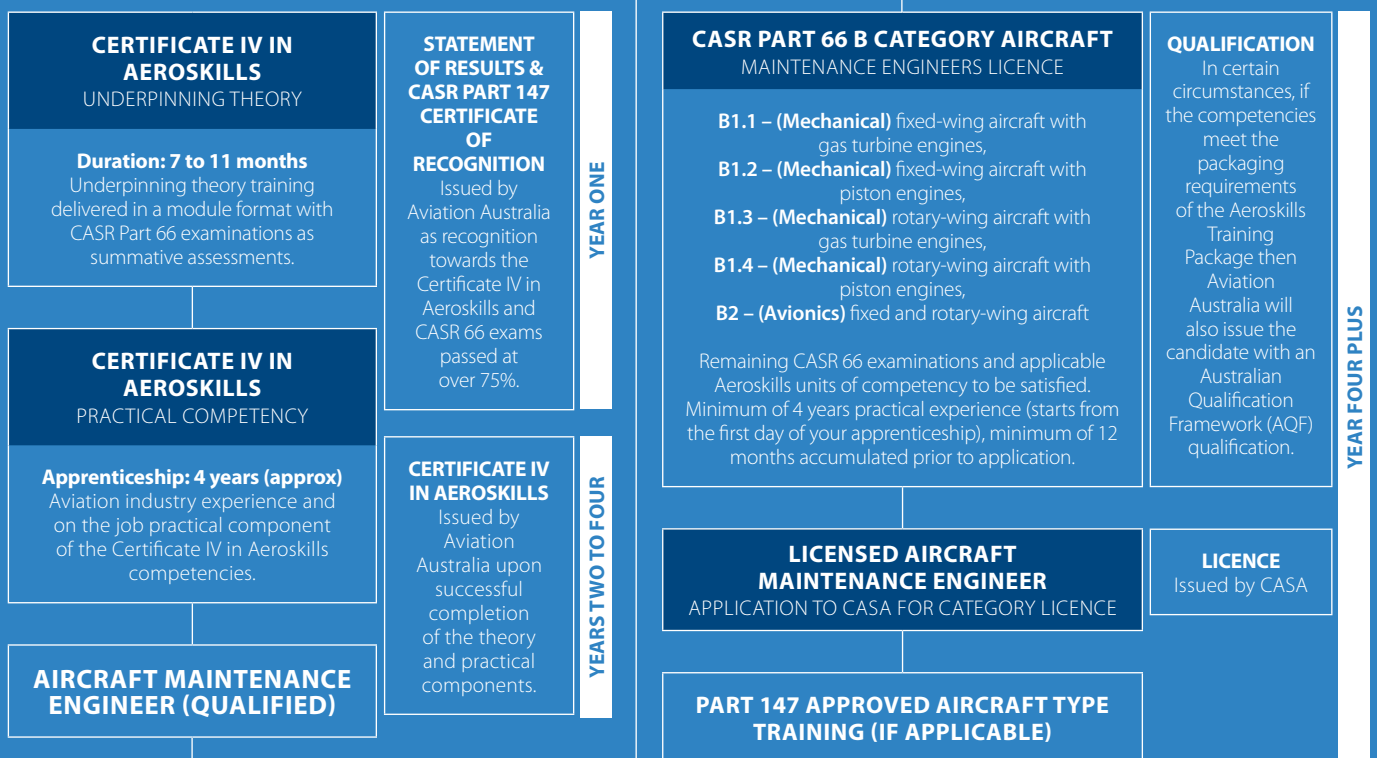


**3,000 STUDENTS**  
ANNUALLY ACROSS ALL COURSES AND CAMPUSES



DELIVERING TO **GLOBAL AIRLINE PARTNERS AND CUSTOMERS**

## YOUR CAREER JOURNEY AS AN AIRCRAFT MAINTENANCE ENGINEER





# THE CERTIFICATE IV IN AEROSKILLS IS A PATHWAY TO AN AIRCRAFT MAINTENANCE ENGINEER LICENCE (CASA)



## THERE ARE TWO PATHWAYS TO CHOOSE FROM:

### CERTIFICATE IV IN AEROSKILLS MECHANICAL (MEA40715)

Theory - 7 months approximately

Students who select the mechanical stream will learn the skills to maintain jet engines, brake and undercarriage systems, structural components, cabin pressurisation, fuel and pneumatic components, flight controls, hydraulics and much more.

**Note:** There are pathways available for both rotary and fixed-wing aircraft as well as structural aircraft repair/maintenance.

### CERTIFICATE IV IN AEROSKILLS AVIONICS (MEA40615)

Theory - 11 months approximately

Students who select the avionics stream will learn the skills required to maintain and service various aircraft electrical, radio, instrument and navigation systems.

## COURSE MODULES



MATHEMATICS



PHYSICS



ELECTRICAL FUNDAMENTALS



ELECTRONIC FUNDAMENTALS



DIGITAL TECHNIQUES/ ELECTRONIC INSTRUMENT SYSTEMS



MATERIALS AND HARDWARE



MAINTENANCE PRACTICES



BASIC AERODYNAMICS



EFFECTIVE LEADERSHIP



ENVIRONMENTALLY SUSTAINABLE WORK PRACTICES



AEROPLANE AERODYNAMICS, STRUCTURES & SYSTEMS



HELICOPTER AERODYNAMICS, STRUCTURES AND SYSTEMS



AIRCRAFT STRUCTURES AND SYSTEMS



PROPULSION



GAS TURBINE ENGINE



PISTON ENGINE



PROPELLER

## COURSE OUTCOMES

On successful completion, you will receive a Statement of Achievement for a Certificate IV in Aeroskills with transcripts of academic results and a CASR Part 147 Certificate of Recognition showing your CASR Part 66 examination passes (for examinations passed at 75% or above).



## HOW TO ENROL



### STEP 1

Visit the Aviation Australia website and enquire



### STEP 2

Complete Aviation Australia's pre-enrolment and eligibility screening, including LLN testing



### STEP 3

If successful, enrol online and pay deposit



### STEP 4

Commence your study



## WITH AVIATION AUSTRALIA, THE WORLD IS AT YOUR FEET...

In order to best support students in their search for employment within the aviation industry, Aviation Australia's Employment Services team are available on a full time basis to guide you through all aspects of a job application, from the preparation of cover letters and resumes through to interview techniques and personal presentation. Maximising opportunity for graduate employment, the Employment Services team maintain relationships with key contacts in the aviation industry and advise students of upcoming vacancies in their desired field of employment.

Aviation Australia is dedicated to supporting the development of the next generation of aviation professionals, with our graduates being highly successful in securing employment in the aviation industry and in many cases, going on to lead thriving careers.

Queensland Government Funding may be available for eligible residents if the following entry requirements are met.

### CERTIFICATE IV IN AEROSKILLS ENTRY REQUIREMENTS

<b>Age</b>	Minimum 16 years (students under 18 are subject to guardianship conditions)
<b>Academic</b>	Year 10 (or equivalent) completion of high school, preferably year 12, with evidence of studies in English, Mathematics and Physics. Successful completion of Aviation Australia's Language, Literacy and Numeracy aptitude testing.
<b>Eligibility</b>	Australian citizens or permanent residents of Australia living in Queensland, including New Zealand citizens or refugees or humanitarian visa holders living in Queensland.
<b>Start dates and fee</b>	Please see Aviation Australia website for fees and upcoming course dates.

*Please note that course duration, start dates and fees are subject to change and depend on sufficient course numbers and regulatory compliance.*