



TAFE NSW

# DIPLOMA OF AEROSKILLS (MECHANICAL)

COURSE CODE:

**MEA50218**

## WHY CHOOSE TAFE NSW?



**Opens career doors.** Our industry relationships lead many students directly into work with a range of employers including agencies, studios, galleries and fashion houses.



**Global prospects.** TAFE NSW graduates possess the technical knowledge, creative-thinking and specialised skills that are highly sought after by employers around the world.



**State-of-the-art facilities.** Purpose-built creative studios and industry standard software mean you will master the same tools of the trade as leading professionals.



**Industry exposure.** TAFE NSW partners with industry to provide you with hands-on experience through networking, sponsor programs, competitions, talks, lectures and other creative industry events.



**Recognised and respected.** TAFE NSW has built its reputation on delivering trusted, industry aligned and nationally recognised training for over 130 years.

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**BE AMBITIOUS**

## COURSE CODE

MEA50218

## QUALIFICATION

Diploma of Aeroskills (Mechanical)

## CAREER AREA

Aviation and Aerospace

## TRAINING PACKAGE ENTRY REQUIREMENTS:

TAFE NSW offers the Diploma of Aeroskills (Mechanical) as either an apprenticeship or non-apprenticeship, so you can create the career you want.

### Apprenticeship

To be eligible for this course, you must:

- Be employed as an apprentice in the aeroskills industry evidenced by a letter of support from your employer
- Submit your training plan proposal (TPP) with your application

### Non-apprenticeship

To be eligible for a subsidised place in this course as a non-apprentice, you must:

- Secure work experience (details below) to meet the on-the-job component of your training

## WORK EXPERIENCE

Work experience provides you with exposure to situations and circumstances that cannot be replicated in a learning or simulated environment.

Work experience is not mandatory for this qualification; however, this is a highly practical course.

You are responsible for arranging your own work experience. Our team can offer support and guidance to assist you.

## IS THIS COURSE RIGHT FOR YOU?

To be prepared for this course, it is recommended that you:

- Have completed year 10 of high school
- Are eligible to apply for an Aviation Security Identification Card (ASIC), as you will need this card to be employed in the industry

If you need help preparing for study, contact us about your options.

## LICENSING REQUIREMENTS

Graduates of this course can seek the grant of a Civil Aviation Safety Authority (CASA) B2 Aircraft Maintenance Engineer Licence covering the supervision, performance and certification of avionics maintenance on aircraft that are type-rated by CASA for maintenance purposes.



NATIONALLY RECOGNISED  
TRAINING

■ **Apprenticeship  
Allowed**

## OVERVIEW

The Diploma in Aeroskills (Mechanical) is for those who need a Civil Aviation Safety Authority (CASA) B1 Aircraft Maintenance Engineer Licence to take the next step in their aviation career.

This course will cover the supervision, performance and certification of airframe, engine, electrical and structural maintenance on aircraft that are type-rated by CASA for maintenance purposes.

You will learn how to:

- Perform administrative processes to prepare for the certification of civil aircraft maintenance
- Plan and implement civil aircraft maintenance activities
- Supervise civil aircraft maintenance activities and manage human resources in the workplace
- Apply work health and safety procedures at supervisor level in aviation maintenance
- Manage self in the aviation maintenance environment
- Apply mathematics and physics in aviation maintenance
- Perform advanced troubleshooting in aircraft mechanical maintenance
- Assess structural repair/modification requirements and evaluate structural repairs and modifications
- Implement and monitor environmentally sustainable work practices
- Manage work health and safety (WHS)
- Implement competencies required by casa for the exercise of licence privileges

Please note: The requirement for the awarding of MEA50218 Diploma of Aeroskills (Mechanical) is demonstrated competency in listed units of competency. The listed units also satisfy CASA requirements for the grant, under Civil Aviation Regulation (CASR) Part 66, of Aircraft Maintenance Engineer B1 Licences in sub-categories B1.1 and B1.3 when the skills and knowledge requirements align with CASA syllabus requirements in the Companion Volume and CASA Interface and training has been delivered in accordance with the requirements of CASR Part 147.

The qualification also provides credits towards the MEA50418 Diploma of Aviation Maintenance Management (Mechanical) and the MEA60218 Advanced Diploma of Aviation Maintenance Management (Mechanical).

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