

COURSE CODE

MEA50118

COURSE

## Diploma of Aeroskills (Avionics)

ENROL TODAY

TAFENSW.EDU.AU or 131 601

### 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.

# Diploma of Aeroskills (Avionics)

National Course Code: MEA50118 | TAFE NSW Code: MEA50118-01V01-20PAD-330

Qualification Level	Diploma
Study Type	Blended
Course Start Date	Enquire Now
Hours Per Week	45
Duration	1 Year
Delivery Locations	Padstow
Course Fees	<p><b>Subsidised Prices</b></p> <p>First Qualification: \$5,120.00</p> <p>Second Qualification: \$5,750.00</p> <p>Apprenticeship: \$2,000.00</p> <p>You may be eligible for the NSW Smart &amp; Skilled <b>Fee Free</b> Apprenticeship which will be verified at enrolment</p>
Course Features	<p>Nationally Recognised Training</p> <p>Apprenticeship Allowed</p> <p>This training is subsidised by the NSW Government</p> <p>VET Student Loans Available</p>

## Course Description

The qualification applies to individuals seeking the grant of a Civil Aviation Safety Authority (CASA) B2 Aircraft Maintenance Engineer Licence covering the supervision, performance and certification of avionic maintenance on aircraft that are type-rated by CASA for maintenance purposes. The qualification satisfies CASA requirements for the grant, under Civil Aviation Safety Regulation (CASR) Part 66, of Aircraft Maintenance Engineer Licence B2 when the skills and knowledge requirements align with CASA syllabus requirements in the Companion Volume CASA Interface and training has been delivered in accordance with the requirements of CASR Part 147. It consists of:

- common and technical stream units required at Certificate IV level in the aircraft maintenance stream
- additional Diploma level common and imported units that cover supervisor level work health and safety (WHS) competency plus competencies required by CASA for the exercise of licence privileges
- Diploma level avionic technical stream units covering advanced fault diagnosis and aircraft weight and balance calculation.

Credits are also provided towards the MEA50318 Diploma of Aviation Maintenance Management (Avionics) and the MEA60118 Advanced Diploma of Aviation Maintenance Management (Avionics).

## Entry Requirements

When you study with TAFE NSW, we want you to succeed. Entry requirements allow us to make sure that

you have the right pre-existing knowledge and skills to achieve your chosen qualification. You will need to provide evidence that you meet the requirements listed in this section.

There are no entry requirements for this qualification

To be enrolled in this course, you need to be able to provide evidence that you are:

- employed within the Aircraft Maintenance Sector.

Also, please provide evidence of any RPL or credit transfer transcripts.

To successfully complete this course, you will need:

- to satisfactorily complete all training, assessments and workplace training log.

## Information Sessions and more about the course

### INFORMATION SESSIONS

There are no information sessions currently scheduled for this course

### STUDY COMMITMENT

This is a flexible, blended delivery course. You will need to attend approximately 34 hours of class per block, each block will run for 5 days (Monday - Friday), over a duration of 1 year. As well as the in-class component, you will need to complete approximately 11 hours of other study per week.

You may also be required to complete approximately 4 hours of additional study each week outside of class hours, including assessment preparation for 1 hour per week.

### IS THIS COURSE RIGHT FOR YOU?

This course offering is designed for people who:

- are employed in the Aircraft Maintenance Sector, and are hopeful in attaining a CASA licence.

### SERVICES AND STUDY SUPPORT

We offer student services and study support to ensure you can achieve your goals. Learn about TAFE NSW [Student Services](#)

As a TAFE NSW student in this course, you will have access to:

- LinkedIn Learning (formerly Lynda.com)
- Studiosity - online access to a real life tutor
- Easy computing online short courses
- Access to local TAFE libraries

## Attendance

This course is delivered in Block Release, and each block is currently scheduled for Monday to Friday from 9.00am to 4.00pm. Updated attendance schedules will be sent each Semester by your teacher.

## Fee Details

### SMART AND SKILLED FEES

This course is government-subsidised, meaning you pay a portion of the full course fee to TAFE NSW and the NSW Government will pay the balance. However, you must meet certain eligibility criteria for this to apply.

Depending on your previous qualifications and experience, your fee may be less than the maximum fee quoted. Your actual fee and eligibility for concession/exemption will be calculated and confirmed during the enrolment process.

For further information about eligibility and explanations of the different fee categories, visit [Are You Eligible?](#)

### **PAYMENT OPTIONS AND ASSISTANCE**

This course is approved for a Commonwealth VET Student Loan (VSL). If you meet the VSL eligibility and academic suitability requirements, you are able to apply to the Commonwealth for a loan to cover all or part of your course fee. We will ask you whether you would like to apply for a VET Student Loan when you enrol and advise you of the process.

**To complete your VET Student Loan application, you will need to provide:**

- Your Tax File Number (TFN). If you don't have a TFN, [click here](#) for information on how to apply for one. You can complete your loan application with a Certificate of Application for a TFN, but must provide your TFN as soon as it is issued. If you don't provide your TFN before your first census day, you will need to pay the tuition fees for that unit of study.
- Your Commonwealth Higher Education Student Support Number (CHESSN). If you have previously accessed a loan via the Higher Education Loan Program (HELP), either at TAFE or university, you will already have a CHESSN. You must use the same CHESSN whenever you access a student loan. If you don't have CHESSN, we will allocate one on your behalf.

**To be eligible for a VET Student Loan, you will need to be assessed as academically suitable to undertake high level VET study. You will need to provide:**

- A copy of your Australian Year 12 Certificate; OR
- A copy of a certificate showing that you have been awarded a qualification at level 4 or above in the Australian Qualifications Framework (where the language of instruction was English). If you previously completed a Certificate IV or higher qualification at TAFE NSW, just let us know where and when you studied in your application; OR
- Display competence at Exit Level 3 in the Australian Core Skills Framework in both reading and numeracy through an approved Language, Literacy and Numeracy test. We will let you know if this is required once you apply.

If you intend to apply for a VET Student Loan, it's important you know your [student obligations](#).

A fee applies for most TAFE NSW courses and must be paid when you enrol. The amount you pay depends on the type of course you study, and on your personal circumstances. Please click on the Smart and Skilled link [http://www.training.nsw.gov.au/smartandskilled/prices\\_fees.html](http://www.training.nsw.gov.au/smartandskilled/prices_fees.html) to work out what you will pay for this course based on your personal circumstances. Depending on your personal circumstances, you may be eligible for a fee discount or fee exemption. Please contact 13 7974 for further information.

If you do apply for a VET Student Loan you will need to have your Tax File Number (TFN) handy. If you do not have a TFN you can apply for one through most Australia Post outlets, and obtain a Certificate of Application for a TFN. Once you receive your TFN from the Australian Tax Office (ATO) you must contact your college so they can arrange for you to enter it into your VET Student Loan application.

### **ADDITIONAL RESOURCES**

You will need to provide the following resources which are retained on completion of study:

- PPE at approximately: \$100 - \$200,
- Text books at approximately: \$600

Find out more about [VET Student Loans](#)

Direct payment by Unit of Study instalments is available for this course.

The Units of Study and associated fees for this course are detailed above. Fees are charged on the census day for each Unit of Study. To secure a loan for part or all of your course, you must be eligible and submit a valid application to the Commonwealth for a VET Student Loan. You may withdraw prior to

the census date without incurring a fee.

## READ BEFORE YOU ENROL

Learn about TAFE NSW [Fees](#)

Learn about TAFE NSW [Payment/Funding](#)

## RECOGNITION

Recognition is a process of acknowledging previously completed qualifications, skills, knowledge or experience relevant to your course. This may reduce the amount of learning required, reduce your course fees and allow you to achieve your qualification faster.

Learn about Recognition at TAFE NSW [Recognition](#)

# How to Enrol

## Semester two starts July 2020. Enquire now to be notified when enrolments open.

To find out more information on this course including the next start date, submit an online enquiry by clicking the **Enquire Now** button on this page, or call 131 601 during business hours\* to chat with a member of our friendly customer service team.

\*Our customer service team are available from Monday to Friday, 9am to 5pm AEST.

Enrolling with us is easy, though the exact process does depend on your course and any prerequisites that go with it.

Be sure to read your chosen course information carefully to make sure it is the right qualification, location and study type for you.

Enrol and pay online via our secure payment gateway to secure your place.

As you progress through the enrolment process you will be prompted to provide additional information.

If you are interested in studying as a Trainee or Apprentice please call 131 601 for full details.

# Units

MEA107	Interpret and use aviation maintenance industry manuals and specifications
MEA111	Perform administrative processes to prepare for certification of civil aircraft maintenance
MEA112	Plan and implement civil aircraft maintenance activities
MEA113	Supervise civil aircraft maintenance activities and manage human resources in the workplace
MEA116	Apply work health and safety procedures at supervisor level in aviation maintenance
MEA118	Conduct self in the aviation maintenance environment
MEA142	Manage self in the aviation maintenance environment
MEA148	Apply mathematics and physics in aviation maintenance
MEA154	Apply work health and safety practices in aviation maintenance
MEA155	Plan and organise aviation maintenance work activities
MEA156	Apply quality standards during aviation maintenance activities
MEA157	Complete aviation maintenance industry documentation
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance
MEA201	Remove and install miscellaneous aircraft electrical

	hardware/components
MEA203	Remove and install advanced aircraft electrical system components
MEA206	Remove and install aircraft basic radio communication and navigation system components
MEA223	Inspect aircraft electrical systems and components
MEA224	Inspect aircraft instrument systems and components
MEA226	Inspect aircraft electronic systems and components
MEA227	Test and troubleshoot aircraft electrical systems and components
MEA228	Test and troubleshoot aircraft instrument systems and components
MEA229	Test and troubleshoot aircraft radio frequency navigation and communications systems and components
MEA232	Test and troubleshoot aircraft pulse systems and components
MEA235	Perform advanced troubleshooting in aircraft avionic maintenance
MEA241	Perform aircraft weight and balance calculations as a result of modifications
MEA246	Fabricate and/or repair aircraft electrical hardware or parts
MEA292	Remove and install advanced aircraft instrument system components
MEA293	Remove and install aircraft electronic system components
MEA296	Use electrical test equipment in aviation maintenance activities
MEA301	Perform aircraft flight servicing
MSMENV472	Implement and monitor environmentally sustainable work practices
MEA225	Inspect fixed wing aircraft automatic flight control systems and components
MEA230	Test and troubleshoot fixed wing aircraft automatic flight control systems and components
MEA231	Inspect, test and troubleshoot rotary wing aircraft automatic flight control systems and components