



AEROSKILLS

TAFE NSW qualifications builds your practical skills and offers global opportunity as you solidify your skills in the avionics industry and specialise in electronic systems. As a TAFE NSW graduate, you will be recognised across Australia as an Aircraft Mechanical Engineer (AME) and will be eligible to work under supervision of a Licensed Aircraft Mechanical Engineer (LAME). Existing workers can access the Aviation Maintenance Management pathway through the Avionics and Mechanical Diplomas of Aviation Maintenance Management.



Job opportunities

Aircraft mechanical engineers may work in general aviation, domestic and international transport and defence aircraft maintenance. The sustainment of defence aircraft is forecast to grow significantly in the next 10 years.



Industry partnerships

TAFE NSW is a CASR (Civil Aviation Safety Authority) Part 147 - Maintenance Training Organisation.



Annual growth +11%[^]

The number of workers in this industry, is forecasted to grow over the next three years.

QUALIFICATIONS YOU CAN EARN AT TAFE NSW

If you're after a course that can ensure you have the expert skills, professional knowledge, and recognised qualification to help your aeroskills career take off, then explore your options at TAFE NSW. Taught by industry experts in a professional setting, TAFE NSW teachers make sure that you learn the hands-on skills and knowledge you need to become fully trained.

Course	Code	Duration	Course	Code	Duration
Diploma of Aeroskills (Mechanical)	MEA50219	4 years	Certificate IV in Aircraft Surface Finishing	MEA40918	4 years
Diploma of Aeroskills (Avionics)	MEA50118	4 years	Certificate III in Aircraft Surface Finishing	MEA30118	4 years
Diploma Aviation Maintenance Management (Mechanical)	MEA50418	1 year	Certificate II in Aircraft Line Maintenance	MEA20518	1 year
Diploma Aviation Maintenance Management (Avionics)	MEA50318	1 year	Certificate II in Aeroskills	MEA20418	1 year
Certificate IV in Aeroskills (Avionics)	MEA40618	4 years	Skill Set LME019 Instrument - B1 Licence Exclusions E5 and E7 Removal	MEASS00289	1 year
Certificate IV in Aeroskills (Mechanical)	MEA40718	4 years	Skill Set LME001 Electrical - B1.1 Licence Exclusions E1 and E4 Removal	MEASS00271	1 year
Certificate IV in Aeroskills (Structures)	MEA41318	4 years			

FEES FOR YOUR COURSE

A range of criteria apply for course fees, access to government subsidised training, student loans, payment by instalment, fee concessions, and fee exemptions that are available to eligible students. The training for all or some of the courses listed is subsidised by the NSW Government under Smart and Skilled funding. Visit tafensw.edu.au/enrol/fees.

[^] Source: myibisworld.com/au/en/industry/s9511/industry-at-a-glance accessed 30/04/2020.

* This course is superseded. You can still enrol in this course, and you will be contacted if you need to transition into the next version when it is available.

Disclaimer: Please check to ensure that courses are currently being offered at your preferred TAFE NSW location. Course delivery and duration may also vary between TAFE NSW locations, so please confirm before enrolling. Fee free eligibility may apply. Correct at time of publication (June 2021). RT0 90003 | CRICOS 00591E | HEP PRV12049

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SHORT COURSES YOU CAN STUDY AT TAFE NSW

TAFE NSW has a selection of short courses that are ideal for people who are interested in gaining a taste of the aviation industry, as well as for industry professionals seeking to expand their skill set or diversify their career.

Short Course	Code	Duration	Included Units of Study
Statement of Attainment in Aircraft Welding Using GTAW Processes	900-82150	350 hours	MEM05007C* Perform manual heating and thermal cutting MEM05019D* Weld using gas tungsten arc welding process MEM05020C* Perform advanced welding using gas tungsten arc welding process MEM05026C* Apply welding principles MEM05044B* Perform welds to code standards using gas tungsten arc welding process MEM05049B* Perform routine gas tungsten arc welding MEM05051A* Select welding processes MEM05052A* Apply safe welding practices MEM09002B* Interpret technical drawing MEM12023A* Perform engineering measurements MEM18001C* Use hand tools MEM18002B* Use power tools/hand-held operations
Statement of Attainment in Dye Penetrant and Magnetic Particle Testing	900-80642	84 hours	MEM18001C* Use hand tools MEM24001B Perform basic penetrant testing MEM24002B Perform penetrant testing MEM24003B Perform basic magnetic particle testing MEM24004B Perform magnetic particle testing MEM24012C Apply metallurgy principles
Statement of Attainment in Enter and work in confined space	900-80376	14 hours	RIIWHS202D* Enter and work in confined spaces
Statement of Attainment in Work safely at heights	900-80367	7 hours	RIIWHS204D* Work safely at heights
Statement of Attainment in Operate boom type elevated work platform (above 11 metres)	900-80586	21 hours	TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more)

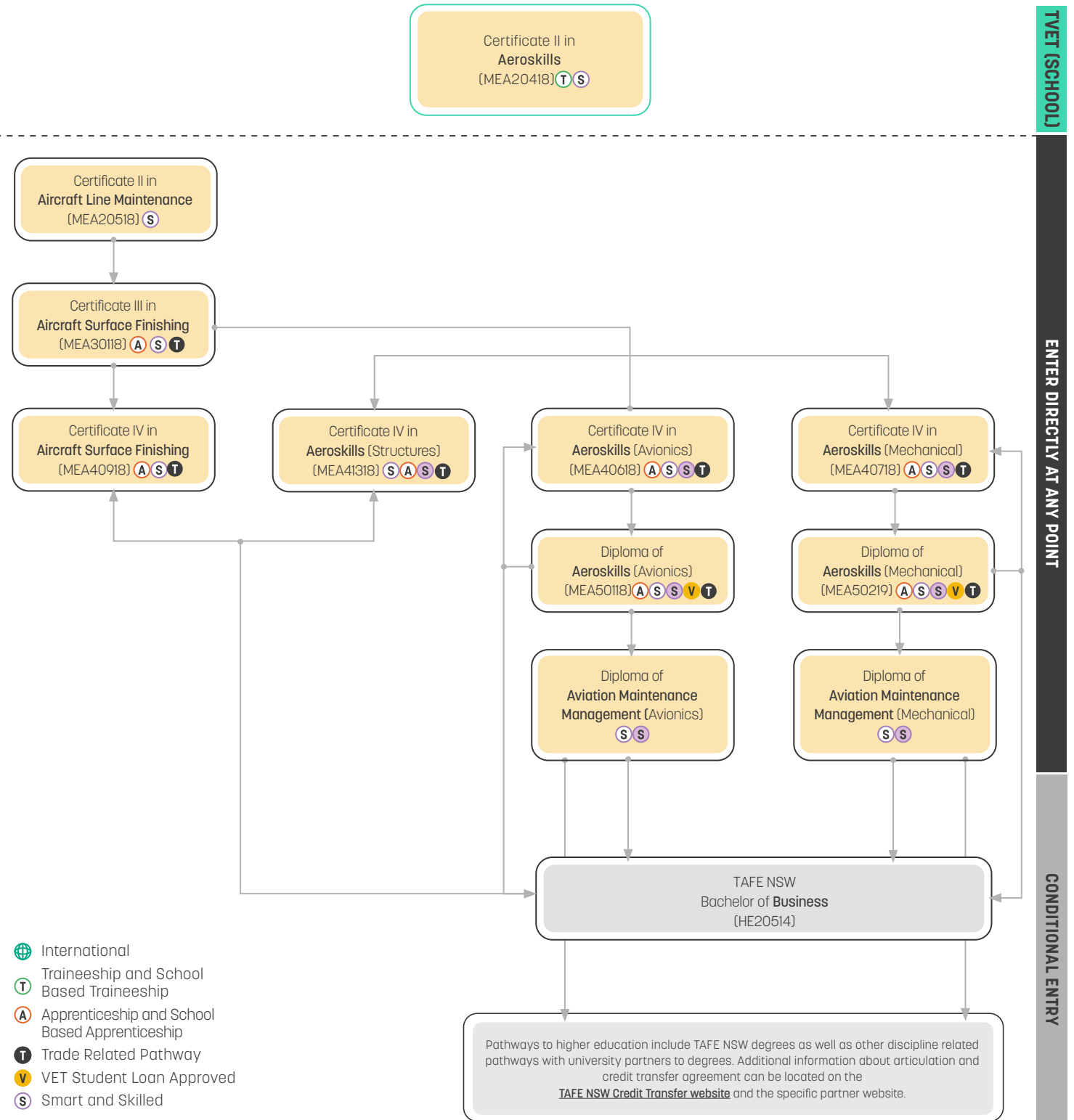
[Visit our website for more short courses.](#)

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HOW YOU CAN GROW YOUR CAREER

When you study with TAFE NSW, there are any number of courses that lead to an even greater number of career opportunities. However, before you can earn certain qualifications, you may have to complete some pre-requisite courses. Below are some examples of career progression pathways you could follow.



FOR MORE INFORMATION CONTACT 131 601