



Aeroskills

TAFE NSW qualifications build your knowledge and skills in preparation for a career in the Aviation Maintenance Engineering industry. Streams include Mechanical, Avionics, Structures and Surface Finishing. As a TAFE NSW graduate, you will be recognised across Australia as an Aircraft Maintenance Engineer (AME). Post trade progression to Diploma Aeroskills Mechanical and Avionics offer candidates pathways toward CASA LAME licencing B1 and B2, and post trade progression to Diploma Maintenance Management Mechanical and Avionics pathways toward Aircraft Maintenance Management careers.



Job opportunities

There is an increasing need for aviation workers with knowledge of regulatory changes, as well as skills in digital, telecommunications and automation technologies.

OneSky, the new Air Traffic Management System, is due to be rolled out in 2023, requiring the workforce to navigate this new technology in air traffic control operations.



Industry partnerships

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



Aviation Industry growth +44.6%^

The workforce is projected to increase in employment by over 29,160 or 44.6% by 2026.

Qualifications you can earn at TAFE NSW

If you're after a course that ensures 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 |
|---|------------|----------|
| Skill Set LME001 Electrical - B1.1 Licence Exclusions E1 and E4 Removal | MEASS00271 | 1 year |
| Skill Set LME019 Instrument - B1 Licence Exclusions E5 and E7 Removal | MEASS00289 | 1 year |
| Certificate II in Aeroskills | MEA20418 | 1 year |
| Certificate II in Aircraft Line Maintenance | MEA20518 | 1 year |
| Certificate III in Aircraft Surface Finishing | MEA30118 | 4 years |
| Certificate IV in Aeroskills (Avionics) | MEA40618 | 4 years |
| Certificate IV in Aeroskills (Mechanical) | MEA40718 | 4 years |

| Course | Code | Duration |
|---|----------|----------|
| Certificate IV in Aeroskills (Structures) | MEA41318 | 4 years |
| Certificate IV in Aircraft Surface Finishing | MEA40918 | 4 years |
| Diploma of Aeroskills (Avionics) | MEA50118 | 4 years |
| Diploma of Aeroskills (Mechanical) | MEA50219 | 4 years |
| Diploma of Aviation Maintenance Management (Mechanical) | MEA50418 | 1 year |
| Diploma of Aviation Maintenance Management (Avionics) | MEA50318 | 1 year |

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: www.australianindustrystandards.org.au/wp-content/uploads/2021/06/20210609_AVI_IOv3.pdf

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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 | RIIWH202E Enter and work in confined spaces |
| Statement of Attainment in Work safely at heights | 900-80367 | 7 hours | RIIWH204E 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.](#)

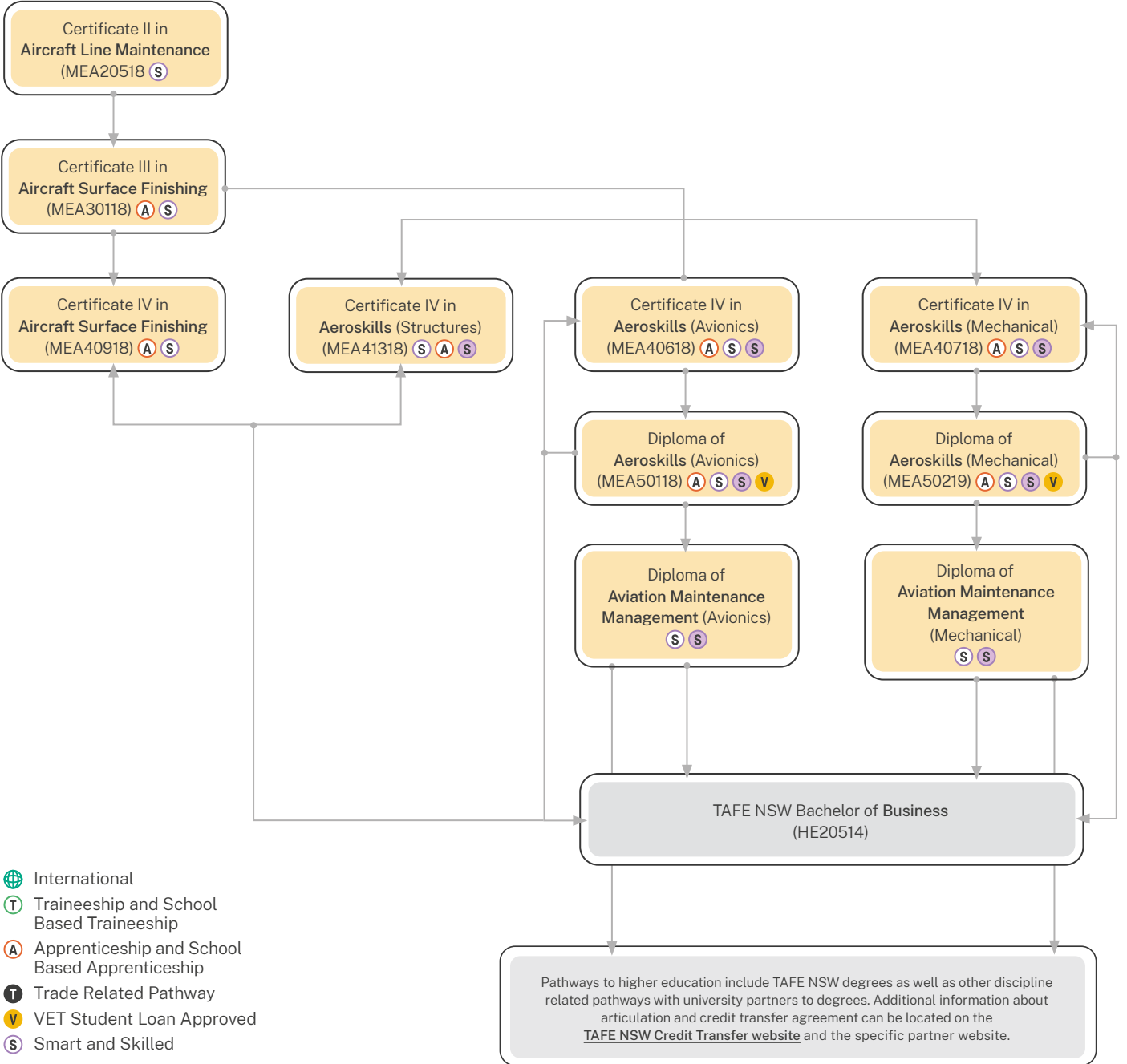
How you can grow your career

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.

TVET (SCHOOL)

ENTER DIRECTLY AT ANY POINT

CONDITIONAL ENTRY



- T International
- S Traineeship and School Based Traineeship
- T Apprenticeship and School Based Apprenticeship
- A Trade Related Pathway
- V VET Student Loan Approved
- S Smart and Skilled

For more information contact 131 601