

Aeronautical Engineering

NEW
FOR
2024



Take a front seat in the world of aviation on this exciting hands-on programme that can take you around the world. Te Pūkenga NMIT has specialised workshops with real aircrafts for you to learn on and all the tech that makes it interesting.

This is the perfect training ground for people who learn by doing. If you are interested in mechanics, engines and aviation and relish a technical challenge this is the course for you!

Learn about the principles of aircraft flight, fabrication and maintenance practices. Students will be introduced to aircraft engineering, workshop requirements and basic assembly of aircraft structural components.

On completion of this course you will be able to:

- Demonstrate knowledge on the principals of aircraft flight.
- Demonstrate knowledge of safety on engineering worksites.
- Demonstrate knowledge of fabrication machinery, materials and processes.
- Produce simple engineering component drawings used CAD software.
- Create three-dimensional engineering models using CAD software under supervision.

Note: Some unit standards may change. Final information on the standards specific to your course will be available prior to starting your programme.

The delivery of this programme is subject to Te Pūkenga NMIT's approval.

This programme is available to Marlborough students only.

► For more information on what you will learn and the credits you can achieve in this programme, go to the Trades Academy website and follow the course information links.

TRAINING PATHWAYS

TRADES ACADEMY TRAINING

- NZ Certificate in Mechanical Engineering Level 3
- NZ Certificate in Aeronautical Engineering Level 4
- NZ Diploma in Aeronautical Maintenance Certification Level 6

EMPLOYMENT OPPORTUNITIES

- Aircraft Maintenance Engineer
- Aeronautical Engineer
- Aircraft Engineer
- Aeronautical Support Engineers
- Fleet Engineer
- Quality and Safety Engineer
- Liaison Engineer
- Work at a major airline such as Air New Zealand, Qantas and International Aviation Industries
- Work with Aeronautical Maintenance, Repair and Overhaul (MRO) organisations in New Zealand

Head to our website tradesacademy.ac.nz to check out our resources and course outline.



NCEA: Level 2 and 3

Refer to the resources page of our website www.tradesacademy.ac.nz/resources/ for more details



Starts: February 2024



Time: 9am to 2.30pm Fridays



Location: Te Pūkenga NMIT Woodbourne, Marlborough

Note: If circumstances change there could be mixed models of delivery e.g online, face to face one day per week or block options.



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