

# Mechanical Engineering Trades

[whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz)





# Māori and Pasifika Trades Training

Ākonga Māori and Pacific looking to learn a trade can apply for a Māori and Pasifika Trades Training (MPTT) scholarship to cover full fees and course-related costs.

## Tautoko while studying

Māori and Pasifika Trades Training scholarship students are supported by both Te Pūkenga - Whitireia and Te Pūkenga - WelTec through the Tamaiti Whāngai team.

The Tamaiti Whāngai team will support you with mentoring, goal setting, pastoral and cultural support. You'll have the opportunity to get your drivers license, site safe, and first aid certificates. The dedicated Tamaiti Whāngai Job Brokers have close links with employers and industry and will assist you to find an apprenticeship and/or employment.

Programmes where you can get a Māori and Pasifika Trades Training scholarship include - Automotive, Bakery, Collision Repair, Construction, Electrical Engineering, Hairdressing, Makeup and Skincare, Mechanical Engineering, Plumbing, Gasfitting and Drainlaying, Painting and Decorating, and Tiling.

## Job Brokers

Our Tamaiti Whāngai Job Brokers have close with employers and have information of available jobs for MPTT ākonga.

We thank our iwi partners, Te Rūnanga o Te Āti Awa and Ngāti Toa Rangatira as well as our Pasifika partner, Mafutaga Faifeau Samoa for the support they provide to our Māori and Pasifika Trades Training scholarship students.

## Scholarship criteria

You need to meet the entry criteria for the programme you are enrolling in and be:

- of Māori or Pacific decent
- 16-40 years old at the start of your study
- a New Zealand citizen or permanent resident
- able to meet the entry requirements for your programme

We want you to be passionate and show that you are motivated to succeed.

## Get in touch

✉ [tw@weltec.ac.nz](mailto:tw@weltec.ac.nz)



# New Zealand Certificate in Engineering Fabrication (Trade) (Level 4) with strands in Heavy Fabrication, Light Fabrication, and Steel Construction

📖	Level 4
🕒	3-4 years, part-time
📅	05 Feb 2025 (Petone)
💰	\$1,580 per year (indicative for 2023 intake)

- General Engineer
- Welder
- Structural Sheet Worker

## Entry requirements

Must be employed in an appropriate engineering job full-time and have successfully completed the New Zealand Certificate in Engineering (Level 3) or have relevant skills and experience.

Build on your already extensive mechanical engineering skills. This apprenticeship programme allows you to study while continuing to work with your employer. Specialise in fabrication processes and become a fully qualified mechanical engineer.

## What you will learn

- Advance your understanding of material properties and their treatments
- Learn to make, install and repair metal products for light and heavy fabrication and steel construction
- Heavy fabricated products could include heavy trailers and heavy manufacturing equipment
- Light fabricated products could include ducting, light trailers and balustrade
- Carry out complex welding tasks
- Apply knowledge of forming and shaping to minimise damage and distortion

## More detail about this qualification

Evening classes, three hours a week held between February and December. Includes two one-week block courses per year.

## Career options

- Fabricator

Disclaimer: The information contained in this document is correct at the time of print. Whitireia and WelTec | Te Pūkenga reserves the right to cancel or postpone any of the programmes, and shall not be liable for any claim other than the proportion of programme fees that the cancelled portion bears. Some programmes may be dependent upon formal approval from NZQA (New Zealand Qualifications Authority), TEC (Tertiary Education Commission) funding allocation, and the number of enrolments. As part of the NZQA targeted review of all Level 1-6 New Zealand qualifications, there may still be changes to some programmes starting in 2024. Fees, programmes, entry and selection criteria, and dates, are subject to change. Please check the relevant programme pages at [whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz) for up-to-date information and full entry regulations before applying to enrol. Information regarding English language requirements is available on each course page at [whitireiaweltec.ac.nz](http://whitireiaweltec.ac.nz).