

# 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)



# MIG and TIG Introduction

 Level 3
 12 weeks, one night per week
 04 Mar 2025 (Petone) 10 Jun 2025 (Petone) 09 Sep 2025 (Petone)
 \$1,100* (indicative for 2023 intake)

This programme is perfect for hobbyists and people who are looking to learn and practice welding and cutting skills. Create personalised projects while getting the opportunity to use our facilities, all while refining welding skills.

## What you will learn

Try welding. Suitable for hobbyists and people who want to learn and practise their welding and cutting technique. You'll have the opportunity to bring your own projects from home.

- Safety in the welding industry
- Setting up welding equipment
- TIG welding techniques for low carbon steel, stainless steel and aluminium
- MIG welding techniques for low carbon steel and aluminium
- Learn to recognise and repair the most common welding faults
- Gain basic distortion control techniques
- Manual thermal cutting

## More detail about this programme

### Course structure

The course is offered as an evening course in Trimester 1, every Tuesday from 5.30 pm-8.30 pm for a total of 12 weeks.

In Trimester 2, the course will run during the same time on either a Tuesday or Wednesday evening for a total of 12 weeks.

This night class is a statement of Attendance MIG and TIG Introduction

Note: This programme is not approved for student loans.

## Entry requirements

Open entry.

## Course-related costs

### You'll need the following items for the workshop

- Overalls or dustcoat
- Steel-capped safety shoes or boots
- Safety glasses
- Welding helmet
- Gloves

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).