

# Electrical

[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)



# Over 100 'sparky' (electrical) apprentices enter the workforce from Whitireia and WelTec

**A group of 103 students from Whitireia and WelTec (Te Pūkenga) are set to enter the workforce as electrical apprentices having just graduated with the level three New Zealand Certificate in Electrical Engineering Theory.**

The one year programme of study has equipped graduates with practical, hands-on knowledge and skills to start them on their journey to becoming qualified electricians. As work-ready grads they have learnt electrical theory and regulations, how to install cables and electrical equipment, along with applying safe procedures in the workplace, readying them to enter into an apprenticeship in the electrical industry.

With huge demand for this work-ready level of skills, graduates have been snapped up by electrical companies such as Seven Electrical, NME, Island Bay Electrical, with some placements coming via the Electrical Contractors Association.

“We had a wide range of both male and female students sign up for the programme last year from colleges all over Wellington including Hutt Valley High School, Newlands College, Wellington College and others, plus a number of mature students, including a 72-year old maintenance worker who wanted to upskill,” says Paul Bowden, a tutor in the electrical programme at WelTec.

“Once they graduate, part of what we offer at WelTec is advice, contacts and assistance in getting apprenticeships - and we have had significant uptake of graduates into the workplace for this.

“The grads have taken up roles with a number of electrical companies in a wide variety of places - on new housing projects, large construction sites, commercial and industrial complexes and installing residential heat pumps.

“I have been very impressed with the work ethic of the ākonga (students) and their determination to complete and get into work as soon as possible. Most of them also continued with paid work through their study at supermarkets, in retail or hospitality, with some traveling long distances to classes. It has been very satisfying to see them get their apprenticeship placements so successfully,” says Paul.

Further information on the New Zealand Certificate in Electrical Pre-Trade can be found here:

<https://www.whitireiaweltec.ac.nz/study-programmes/trades/electrical/new-zealand-certificate-in-electrical-pre-trade-level-3/>

# Electrical Inspectors

📖 Level 5

🕒 2 weeks, full-time

💰 \$1,494 (indicative for 2023 intake)

This block course allows people to learn the roles and responsibilities of an Electrical Inspector. Complete EWRB practical assessments either in our workshops or off-site around the Hutt Valley.

## What you will learn

- Reach the level required by the Electrical Workers Registration Board (EWRB) for Inspector's theory examinations and practical assessments
- Assess and apply safe working practices
- Learn care and use of test instruments
- Carry out continuity tests
- Measure conductor and insulation resistance
- Test earthing systems
- Complete RCD and phase rotation measurements
- Inspect and test work on a variety of low-voltage installations and appliances
- Install and terminate supply and load conductors to DIN and BS energy meters
- Complete and issue compliance documentation
- Apply safe working practices

## More detail about this qualification

This course is offered as a two-week full-time block course.

You must be a New Zealand Registered Electrician.

## Course requirements

- You will be required to do some pre-course reading and revision.
- It is recommended that students bring a copy of the latest ASNZ3000:2007.
- Access to electronic copies of companion standards is recommended.
- A scientific calculation is required.

## Course-related costs

EWRB Examination Application Fee: \$166.75

EWRB Practical Assessment Fee: \$85.00

## Entry requirements

You must be a New Zealand Registered Electrician.

The EWRB exam is an online exam that can be booked through Aspeq for sitting following completion of the course. [Access the exam here](#)

## EWRB Practical Assessment



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).