

# 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/>

# New Zealand Certificate in Electrical Pre-Trade (Level 3)

📖	Level 3
🕒	1 year, full-time*
📅	03 Feb 2025 (Petone) 17 Feb 2025 (Petone) 24 Feb 2025 (Petone) 31 Mar 2025 (Petone)
💰	\$7,200 (indicative for 2023 intake)
🌐	\$24,324* (indicative for 2023 intake)

Study basic Electrical Practical and Theory and start your journey to become a qualified electrician. Learn how to install cables and electrical equipment, along with applying safe working procedures in a supervised setting. Completion of this programme will allow you to enter into an apprenticeship in the electrical industry.

## What you will learn

Start your career as an electrician. Learn the skills and theory that an electrician needs in their daily work. This course will give you broad-based training in all aspects of the industry. Designed to prepare you for an apprenticeship. Learn introductory electrical theory and regulations. Build practical skills such as circuit wiring and how to use power instruments. Train in our workshops where you'll diagnose and fix electrical faults.

- Apply knowledge and principles of electrical theory and practice to basic electrical tasks.
- Apply safe working procedures and practices to electrical tasks, including first aid and CPR as needed.
- Operate within legal limitations of electrical and relevant non-electrical legislation.
- Select and use products, tools, and equipment suitable for use in the electrical industry.
- Install cables and electrical equipment.
- Use testing techniques to test for electrical safety, and to identify and diagnose electrical faults.
- Demonstrate behaviour suitable for the workplace, follow instructions, and complete basic workplace

documentation.

\*Classes for this programme are from Monday to Thursday.

## Career options

Graduates will be able to enter an electrical apprenticeship as a first-year apprentice.

Graduates may be employed in entry-level positions in trades relevant to the Electrical Workers Registration Board (EWRB) registration classes, other electrical fields such as switchgear fitting, electronics, electricity supply industry, manufacturing, electrical wholesaling or retailing.

## Entry requirements

### Under 20 years

Candidates must have achieved the NCEA (Level 1) with Mathematics and English subjects; or equivalent knowledge and skills for entry into this programme.

### Over 20 years

Open entry.

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).