

2024



NZ Certificate in Electrical Pre-trade

Level 3

The purpose of this qualification is to equip people with underpinning electrical knowledge and basic practical skills to enter further training or entry-level employment, such as an apprenticeship, within the electrical industry and related electrical fields.

Graduates will be able to apply these skills under supervision by a licensed electrical worker in accordance with the Electricity Act 1992 and any subsequent amendments.

Location	Hawke's Bay
Start	February and July
Length	One year full-time
Contact	Mikaela Walker Phone: 06 830 1201 Email: mwalker@eit.ac.nz



TE AHO A MĀUI



Te Pūkenga

For NZ Citizens and Permanent Residents

Spark your electrical career

This pre-trade course could lead you into an apprenticeship in the electrical industry.

After this course you will need to attend night classes for 'off job' (theory modules) and complete 'on job' practical tasks at your place of work.

The length of time it takes to become a qualified electrician is approximately four years after completing the Level 3 course.

Come in and have a chat about your study options with the staff at our Hawke's Bay campus or, simply give us a call on 0800 22 55 348.

Industry-based training

The course includes practical hands on wiring of cabins (built by EIT | Te Pūkenga Carpentry learners). Learners are encouraged to find work experience in an associated electrical industry. Those that obtain work experience are three to four times more likely to secure a job/apprenticeship at the end of the course.

Career and study opportunities

Your possible career opportunities include:

- Domestic/commercial/industrial electrician
- Appliance servicing
- Switchboard manufacturing
- Motor rewinding
- Office equipment serving

- Security/data/CCTV/fire industry
- Marine electrics/electronics
- Supply industry linesman/cable jointer/electrical fitter
- Audio visual and lighting equipment

Your possible study pathway could include:

- NZ Certificate in Electrical Engineering (Theory and Practice Trade) (Level 4)
- NZ Certificate in Electrical Trade (Level 4) with strands in General Electrical, and Electricity Supply
- Higher-level qualifications in other electrical fields

Timetable

Your study time will be made up of contact time (lectures, tutorials, small group learning, blended learning, practical workshops and industry-based learning) and non-contact time (your own individual study time).

Contact time

On-campus classes are usually scheduled between 8.00am-2.30pm, Monday to Friday.

For a current timetable, please refer to eit.ac.nz/students/timetable.

Non-contact time

You should plan to spend 18 hours of individual study per course, per week, in addition to scheduled classroom time.



NZ Certificate in Electrical Pre-trade Level 3, 121 credits

 Hawke's Bay

 Full-time: 1 year

 Fee:
Visit fees.eit.ac.nz to see the fees for this programme

Additional costs

- \$150 approximately for safety boots

Entry requirements

Standard entry

- Applicants must have achieved the NCEA (Level 1) with Mathematics and English subjects; or
- Equivalent knowledge and skills for entry into this programme

Non-standard entry

- Applicants will be required to pass a Colour Blindness test.
- Successful interview with a member of the academic staff and successful completion of the completion of the alternative academic entry test.

English language entry requirements

If English is not your first language you are required to have attained an acceptable level of English language fluency. This may be demonstrated in a variety of ways, including successful study in English, completion of a New Zealand Certificate in English Language (Level 3), approved scores on IELTS tests (5.0 with no band score lower than 5.0), completion of accepted international equivalents, or completion of an EIT | Te Pūkenga assessment.

Literacy and numeracy skills

A Literacy and Numeracy assessment is part of the preparation for all Level 1 to 3 programmes. This is a national requirement from the Tertiary Education Commission (TEC). This information gives your tutors information on what you already know to help them provide the support that you may need in your studies.

There are two assessments. The first assessment will take place within the first three weeks of the programme. The second will be a week or two before you finish the programme. This final assessment will show how you have improved with your Literacy and Numeracy skills.

There will always be a tutor to help you when doing the assessment. The most important thing to know

2024 Key dates

Intake one Starts: Monday, 5 February
Ends: Friday, 8 November

Intake two Starts: Monday, 22 July
Ends: Friday, 11 April 2025

Semester breaks
Intake one:
15-26 April
8-19 July
30 September-11 October
Intake two:
30 September-11 October
23 December-6 January 2025

about this assessment is that you CANNOT fail. You will merely get information on your Literacy and Numeracy skills. The result will NOT have an impact on any of your assessment marks in your course work.

Assessments

The assessment for the courses include written assignments, theory assessment/tests and practical exercises.

Facilities

Our Trades and Technology Training complex offers learners a learning environment which gives them the opportunity to work in modern workshops modelled on real-world industry. The purpose built facilities give learners access to a comprehensive range of equipment for automotive, mechanical engineering, welding, carpentry and electrical trade training.

EIT is now part of Te Pūkenga

Te Pūkenga brings together New Zealand's Institutes of Technology, Polytechnics, and Industry Training Organisations to build a network of on job, on-campus and online learning.

The services we offer not only remain, they are strengthened by being part of the extensive Te Pūkenga network around the country. Your enrolment for study in 2024 will see you enrolling with Te Pūkenga and becoming part of the extensive Te Pūkenga network around the country.

The experience you need & the support to succeed

When you study at EIT | Te Pūkenga you'll get the kind of experiences that will help you gain the knowledge and skills to get ahead.

You'll also be supported by lecturers and tutors who are here for you, within a learning environment where you are treated as an individual, not just a number.

They'll know your name and you'll receive one-on-one attention to make sure you get the support to succeed.

Experienced lecturers

At EIT | Te Pūkenga, you can be confident in the quality of our teaching and your learning experience.

EIT | Te Pūkenga is highly regarded in New Zealand for research excellence due to the quality of our community centred research, our publications and our external grant income provided by funding institutions who have confidence in our research capability. You can be confident your lecturers use the latest knowledge and research in their field of expertise to inform their teaching, and many are at the forefront of knowledge creation within their discipline area.

Name	Position
Steve Houlston	Programme Coordinator

Programme information

Demonstrating competency in safe work practices by completing CE3001 Workplace Skills and Safety course is important for implementing safe work practices in courses CE3005 to CE3008. Furthermore, the capstone examination (CE3009) may only occur once a learner has successfully completed all other courses.

The programme is designed to equip learners with the underpinning electrical knowledge and basic practical skills to enter further training or entry-level employment, such as an apprenticeship, within the electrical industry and related electrical fields.

Course descriptions

In the following descriptions: Pre-requisite = courses which must be studied before.

Course no.	Brief description	NZQA level	No. of credits
CE3001	Workplace Skills and Safety Learners will be able to apply electrical workplace standards and health and safety practices. They will also achieve/maintain a first aid certificate.	3	15
CE3002	DC Fundamentals Learners will apply fundamental theory and principles of Direct Current (DC) circuits and systems.	3	15
CE3003	AC Fundamentals Learners will apply fundamental theory and principles of magnetism and electromagnetism to AC theory. They will safely use the tools and equipment used in an electrical workplace.	3	15
CE3004	Cables, Fittings and Testing Learners will install, test and fault-find electrical cords, cables, and equipment.	3	15
CE3005	Supply Systems Learners will apply knowledge of the New Zealand electricity supply system and methods used to ensure the protection of users and installations. <i>Pre-requisite: CE3001 Workplace Skills and Safety</i>	3	15
CE3006	Protection, Plans and Circuits Learners will apply knowledge of circuit protection, electrical drawing conventions, switching circuits and lighting. <i>Pre-requisite: CE3001 Workplace Skills and Safety</i>	3	15
CE3007	Installations Learners will apply knowledge of cable and wiring systems including damp situations. <i>Pre-requisite: CE3001 Workplace Skills and Safety</i>	3	15
CE3008	Transformers, Electrical Machines and Isolation Learners will be able to demonstrate knowledge of theories underpinning the operation of transformers, electrical machines, and isolation procedures. <i>Pre-requisite: CE3001 Workplace Skills and Safety</i>	3	15
CE3009	Capstone Assessment	3	1

How to enrol

There is an easy 3-step process to follow when enrolling at EIT | Te Pūkenga.

Step 1

Check out eit.ac.nz to see the programmes available for you to study. A copy of the course information for each programme is available on our website.

Step 2

You can now use your RealMe verified identity to apply for study at EIT | Te Pūkenga. If you use your RealMe verified identity you will no longer be sent a copy of your application form to sign. You also will not need to provide us with a copy of your primary ID.

If you apply online without using RealMe then you will be sent a summary of your enrolment to check and sign. It will also include course selection forms which you need to complete and return. Your enrolment cannot progress until you have sent the summary and forms back to us.

You can also apply using a paper enrolment form. Please call us on 0800 22 55 348 and we will send you one out.

You will receive an acceptance letter from your Faculty with programme information. This will include the start date of your study and any special information regarding your programme. Depending on your chosen programme of study, you may be invited to attend an interview before you are accepted.

Step 3

Arrangement for full payment of enrolment fees must be made before the start of your programme. You will receive an invoice with payment details.

Fees-free government scheme: Tertiary education is fees-free for eligible domestic tertiary students. To check if you are eligible, go to FeesFree.govt.nz and enter your National Student Number (NSN). If you are not eligible you will be responsible for paying your fees.

Scholarships and grants: Scholarships and grants make life easier by helping to cover your fees, other costs and living expenses while you study. You don't always need to be an academic high-flyer to qualify. You can find out more about scholarships and other options for paying your fees at eit.ac.nz.

StudyLink: If you need to pay for your own study you can choose to apply for your Student Loan and Student Allowance with StudyLink. You should do this early, even if you haven't yet been accepted on your programme. You can change your details later if anything changes. Visit studylink.govt.nz to find out more about StudyLink.

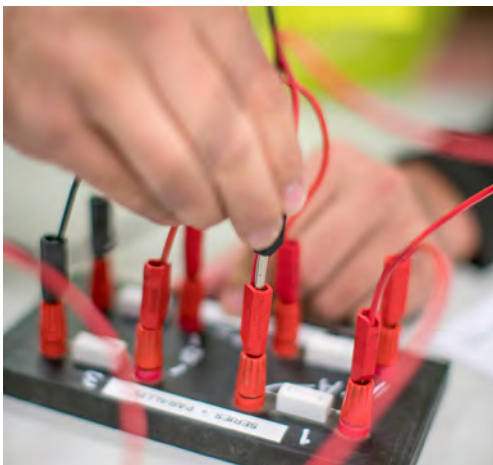
Student services levy

The student services levy is a compulsory non-tuition fee that is charged to students enrolled at EIT | Te Pūkenga. The levy is to contribute to the provision of quality student services that support learning. The funds received by EIT | Te Pūkenga from the levy are ring-fenced, meaning they can only be spent on student services.

Student loans and allowances

StudyLink is a service of the Ministry of Social Development. Apply well before your programme begins (even if you haven't been accepted yet) so you'll be ready to get your payments when you need them most.

Check out what you qualify for at studylink.govt.nz.



Disclaimer: The Eastern Institute of Technology Limited is a business division of Te Pūkenga - New Zealand Institute of Skills and Technology. All information in this publication pertains to New Zealand Citizens or Permanent Residents, and is correct at the time of printing but is subject to change. EIT | Te Pūkenga reserves the right to amend/withdraw programmes or courses. From 2023 programmes may be subject to review as part of the Reform of Vocational Education and Training. As the review is ongoing, this document is correct at the time of publishing but the courses outlined may change over time. For full programme entry requirements visit eit.ac.nz.

