

For New Zealand Citizens
& Permanent Residents



NZ Certificate in Electrical Engineering (Theory) [Level 3]

Make the most of your talent for problem solving and gain essential electrical engineering skills for a future career in the electrical industry. This is your first step towards landing an apprenticeship and becoming a fully qualified electrician.

EIT's Trades and Technology training facilities will provide you with a learning environment where you'll work in modern workshops modelled on real-world situations. These purpose-built facilities will give you access to a broad range of equipment to hone your skills as you prepare for your next step forward.

Upon completion, you'll be able to continue your training as part of a three to four year apprenticeship scheme with an employer leading to registration as an electrical tradesperson.

Campus EIT Hawke's Bay

Starts February, July

Contact Ada Rolls Phone: 06 974 8000 ext 5845. Email: arolls@eit.ac.nz

EASTERN INSTITUTE OF TECHNOLOGY

eit.ac.nz | 0800 22 55 348 |   

Te Aho a Māui



Be an in-demand professional trades person

You will be introduced to the foundation theories of electricity: health and safety; safe working practises; legislation - electrical publications, regulations and electricity act; OHM's Law; direct current principles; conductors, insulator, semiconductors; capacitors, diodes, rectifiers; circuit design; electrical machines; alternating current principles; installation

principles; energies and technology; methods of producing voltages; electrical supply and distribution.

Please feel free to contact us by phone, email or private message us on Facebook for a chat about your study options. You can also arrange to view EIT's facilities.

YOUR FUTURE CAREER AND STUDY OPPORTUNITIES

Your possible employment 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 Joints/electrical fitter or audio visual & lighting equipment.

Study pathway: This is a pre trade course that could lead 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 two – three years after completing the Level 3 course.

WHAT YOU NEED TO KNOW

New Zealand Certificate in Electrical Engineering (Theory)

Level	Level 3	Credits	120 credits
Length	34 weeks full-time on campus	Fee	\$5,653

This is a guide only based on the previous year. All costs quoted include GST and student services levy. Fees apply to New Zealand citizens and New Zealand permanent residents only.

INDUSTRY-BASED TRAINING

The course includes practical hands on wiring of houses (built by EIT Carpentry). There is also an expectation of 120 hours of work experience in an associated electrical industry. Those that obtain work experience are three to four times more likely to secure a job at the end of the course.

KEY DATES

INTAKE ONE

Programme starts Monday, 4 February 2019

Programme ends Friday, 8 November 2019

INTAKE TWO

Semester starts Monday, 22 July 2019

Programme ends Friday, 3 April 2020

2019 EIT TERM / SEMESTER HOLIDAYS

15 April - 26 April

8 July - 19 July

30 September - 11 October

WORLD CLASS 'A' RATED TEACHING STAFF

The Tertiary Education Commission rates EIT as one of New Zealand's top two institutes of technology and polytechnics for research. Our highly-qualified academics are leaders in their subjects, delivering the most up-to-date and relevant information to certificate, diploma, degree and postgraduate students. Attuned to ever-changing technologies, our tutors bring extensive work experience to teaching EIT's certificate and other industry-tailored programmes.

TIMETABLE

Your study time will be made up of contact time (class times, tutorials, industry-based learning) and non-contact time (your own individual study time).

.CONTACT TIME

On-campus classes are usually scheduled between 8.00 am and 3.00 pm three days per week, 21 contact hours per week.

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

NON-CONTACT TIME

Students should plan to spend 18 hours of study per week.

ADDITIONAL COSTS

- ▶ \$150 approx. for workbooks.
- ▶ \$260 approx. for textbook.

ENTRY CRITERIA

STANDARD ENTRY CRITERIA

- ▶ Meet the NCEA Level 2 requirements, or provide evidence of achievement at an equivalent level.

NON STANDARD ENTRY CRITERIA

- ▶ Successful completion of the alternative academic entry test **OR**
- ▶ Successful interview with a member of the academic staff and successful completion of the alternative academic entry test.

The alternative academic entry test will measure applicants' Literacy and Numeracy ability to ensure that is of a level to cope with the demands of the programme.

The interview will allow parties to exchange information about what the programme both provides to, and requires of, its students. Included in the interview will be discussion of possible career paths for the student, motivation, and physical and emotional requirements, and applicant's abilities, background, experiences and interests. Attendance of whanau members and/or supporting associates is encouraged at all interviews.

ENGLISH LANGUAGE ENTRY REQUIREMENT

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 (5.5 Academic with no band score lower than 5.5), completion of accepted international equivalents, or completion of an EIT Hawke's Bay 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 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.

FACILITIES

EIT's Trades and Technology Training complex offers students a learning environment which gives them the opportunity to work in modern workshops modeled on real-world industry. The purpose built facilities give students access to a comprehensive range of equipment for automotive (collision repair was deleted), mechanical engineering, welding, carpentry and electrical trade training.

ASSESSMENTS

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

THE EXPERIENCE YOU NEED & THE SUPPORT TO SUCCEED

When you study at EIT 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.

COURSE NO.	BRIEF DESCRIPTION	NO. OF CREDITS	NZQA LEVEL	SEMESTER OFFERED
EET3.01	Circuit Design and Operation	15	3	1 & 2
	To understand the theory and application of electrical diagrams in terms of circuit design and lighting installations.			
EET3.02	DC Fundamentals	15	3	1 & 2
	To introduce fundamental knowledge and principles of Direct Current (DC) electrical installation practices.			
EET3.03	Electrical Applications	15	3	1 & 2
	To understand and apply fundamental knowledge of electrical theory and practice to the installation and maintenance of electrical systems and equipment.			
EET3.04	Electrical Machines	15	3	1 & 2
	To understand the theory and application of electrical machine protection, fault diagnosis, special power supplies and rotating machines.			
EET3.05	Electrical Work Practices	15	3	1 & 2
	To Acquire fundamental operational and theoretical knowledge of electrical work practices.			
EET3.06	Electrical Supply and Distribution	15	3	1 & 2
	To gain understanding of the fundamentals of the NZ electricity supply system and devices used to ensure safety and protection of users and installations.			
EET3.07	Electricity Systems	15	3	1 & 2
	To extend knowledge of electrical systems and applications of direct and alternating current.			
EET3.08	Installation Fundamentals	15	3	1 & 2
	To introduce fundamental knowledge and principles of electrical installation practices and associated legislation and standards.			

ENROLMENT INFORMATION

HOW TO ENROL

STEP 1

Complete the enrolment form that is included with this info pack or apply online www.eit.ac.nz

You can apply to StudyLink now if you need help to pay your fees, course related costs or living costs. You can do this even if you haven't been accepted on to your programme yet.

Visit www.studylink.govt.nz to apply.

STEP 2

If you apply online you will be sent a form to check, sign and return to EIT along with any required supporting documents.

If you are applying by paper enrolment form, you will need to complete this and send back to EIT with any required supporting documents.

STEP 3

You will receive an acceptance letter with programme information including your start date.

You may also receive course selection forms. You need to complete these quickly and return them to us so we can finalise your enrolment. If you do not send these back to us we are not able to give Studylink the information they need to finalise your student finance.

STEP 4

You will receive an invoice with payment details.

You must arrange for full payment of your enrolment fees before the start of your programme.

Contact us if you have any questions.

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.

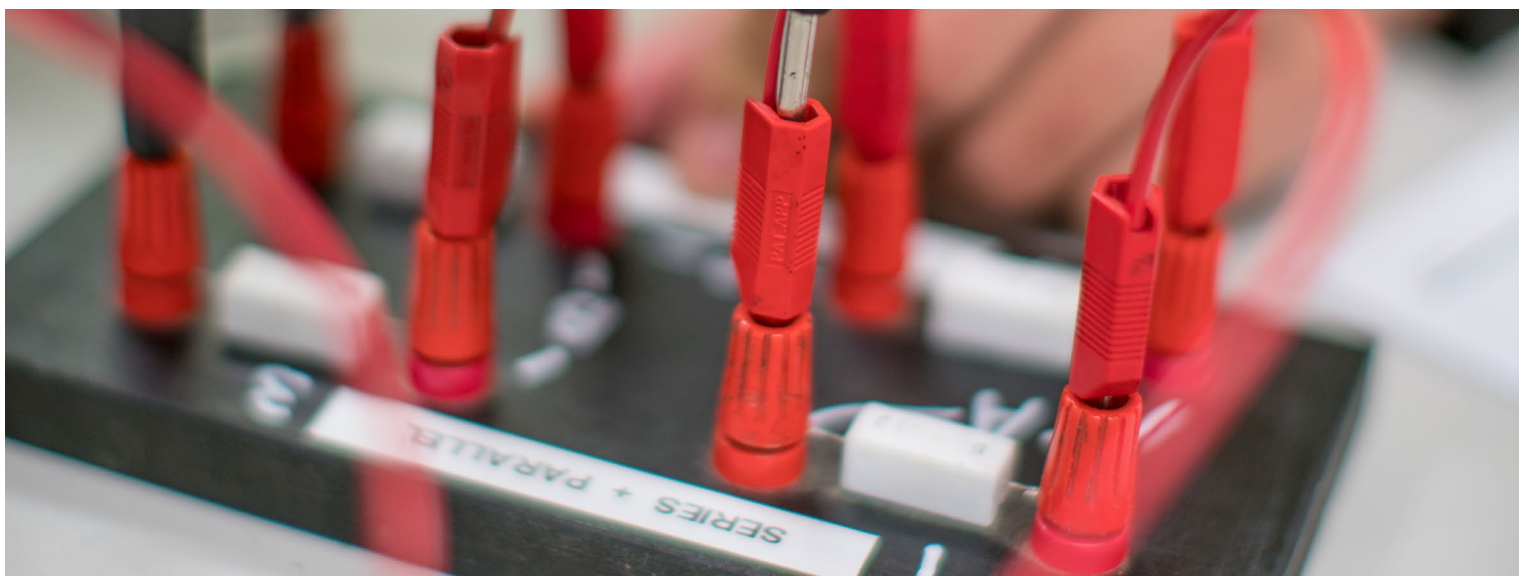
EIT has a long list of scholarships for which you can apply. So if you would like to get financial help with your study, take a look at our website to see what's available. You can also take a look online at the givME database available at EIT. It lists every scholarship and grant available in New Zealand.

STUDENT SERVICES LEVY

The Student Services Levy is a compulsory non-tuition fee that is charged to students enrolled at EIT. The levy is to contribute to the provision of quality student services that support learning. The funds received by EIT 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 studylink.govt.nz or phone 0800 88 99 00. A Student Allowance is a weekly payment to help you with living expenses. It doesn't have to be paid back. A Student Loan is made up of three parts – compulsory fees, course-related costs and living costs. You have to pay these back.



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