

2024



TESLA

NZ Certificate in Electric Vehicle Automotive Engineering

Level 5

The NZ Certificate in Electric Vehicle Automotive Engineering (Level 5) is aimed at people working, or intending to work in an advanced technical role within an electric vehicle automotive context. It has been designed for experienced automotive engineering technicians.

This programme provides the automotive engineering industry with individuals who have attained the knowledge and skills required to safely and effectively diagnose and repair faults in electric vehicles. Electric vehicles include both battery electric and hybrid electric vehicles or machines.

Graduates may have some responsibility for representing the business and for the overall performance of the workshop. Graduates of this programme will not be recognised as manufacturer-specific technicians.

Location	Hawke's Bay and online
Start	January, April, July and October
Length	One year part-time
Contact	Jodi Te Hina Phone: 06 830 1945 Email: jtehina@eit.ac.nz



TE AHO A MĀUI



TePūkenga

For NZ Citizens and Permanent Residents

Your next step into an electric future

This programme is delivered part-time over one year through online learning and on-campus block courses.

It is predicted that most learners will be employed as automotive technicians and therefore the programme is structured in a way to meet the needs of these learners.

There will be night classes, online learning, teaching activities and block courses for the practical application.

Courses are delivered sequentially apart from Automotive Management which is delivered over the year.

Block courses

- High Voltage Auxiliary Systems
- Energy Supply Systems
- Drive Systems
- Automotive Management

Career and study opportunities

Upon graduating you will be able to oversee team responsibilities and ensure compliance with legislative and company requirements to maintain a safe and effective workplace. You will also be able to diagnose and repair uncommon and complex specialist system faults in electric vehicles as an advanced technician.

Timetable

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

A timetable will be supplied by your tutor.

Entry requirements

Academic requirements

- An Automotive Engineering qualification at Level 4, or equivalent skills and knowledge.

Other requirements

- A current workplace first aid certificate is recommended.

English language entry requirements

All applicants must demonstrate an acceptable level of English language fluency prior to acceptance in the programme. For international applicants, ways in which English language fluency may be demonstrated include the following:

- Successful study of a programme in which English was the language of instruction (subject to the conditions in EIT's Database for English Language Proficiency (DELP))



NZ Certificate in Electric Vehicle Automotive Engineering Level 5, 70 credits

 Hawke's Bay and online

 Part-time: 1 year

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

- Completion of a New Zealand Certificate in English Language (Level 4 with any endorsement)
- IELTS Academic score of 5.5, with no band score lower than 5, achieved in a single test within the two years preceding enrolment
- Accepted international equivalents to the above IELTS scores (see equivalency tables in the DELP)

Entry with credit

You may already have some knowledge or skills that can be recognised as part of your intended study. This may take a number of different forms including study at any other tertiary institution, life or work experiences and workplace training can also be considered. If you think you qualify, you can apply for Cross Credit (CC) or Recognition of Prior Learning (RPL).

- CC is based on the equivalency of courses or qualifications. You would apply for CC if you have passed a very similar course at the same level.
- RPL is based on the assessment of your current knowledge and skills. You would apply for RPL if you had gained the relevant knowledge and skills through life experiences and informal learning situations.

As part of your application you will be asked to provide details which you would like considered as credit towards your intended programme of study.

You must apply prior to enrolment. CC and RPL cannot be awarded for a course if you are already enrolled in that course. An original transcript or notice of results from the institute at which you previously studied (or verified copies) will be required for all applications.

For further information and enquiries about CC and RPL please contact the Programme Administrator, Jodi Te Hina on 06 830 1945.

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.

2024 Key dates

Intake one	Starts: Monday, 29 January
Intake two	Starts: Monday, 29 April
Intake three	Starts: Monday, 22 July
Intake four	Starts: Monday, 14 October
Semester breaks	15-26 April
	8-19 July
	30 September-11 October

Assessments

Assessments are a mix of formative and summative assessment with an emphasis on feedback (particularly early in a course) as well as utilisation of authentic approaches to assessment.

The main assessment methods include project documents, reports, reflective journaling/reports, portfolio and presentations.

All summative assessments are mapped to the course learning outcomes and graduate profile outcomes to ensure students who successfully complete the programme of study meet the graduate profile.

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	Qualifications
Scott Cunningham <i>Programme Coordinator</i>	NZCertEVAutoEng
Brett Cranswick <i>Tutor</i>	NZCertEVAutoEng

Course descriptions

Course no.	Brief description	NZQA level	No. of credits
EV5.01	Automotive Management The aim of this course is to enable learners to oversee team responsibilities, including compliance.	5	10
EV5.02	Drive Systems The aim of this course is to enable learners to diagnose, analyse and repair uncommon and complex electric vehicle drive system faults to meet industry standards.	5	20
EV5.04	High Voltage Auxiliary Systems The aim of this course is to enable learners to diagnose, analyse and repair uncommon and complex electric vehicle sub-system faults to meet industry standards.	5	20
EV5.05	Energy Supply Systems The aim of this course is to enable learners to diagnose, analyse and repair uncommon and complex electric vehicle battery system faults to meet industry standards.	5	20



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.



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