

New Zealand Certificate in Electrotechnology (Level 3)

Course Outline - Security

This course is for learners wanting to enter the electronic security industry as either an installer or a serviceperson and is an intermediate step towards the level 4 Certificate in Electronic Security.

Upon graduation the learners will be able to install and maintain data networks and security systems or service and repair security, access control & surveillance equipment & systems at a non-complex level.

Learners who enrol in the **Installation strand** will be able to:

- Undertake the installation, maintenance, restoration, scoping and connectivity of efficient, reliable, and secure security, access control & surveillance systems and hardware.
- Operate as technicians at intermediate level under indirect supervision.

Learners who enrol in the **Service strand** will be able to:

- Diagnose, repair and service security systems and equipment at a non-complex level and supervise electrical workers.
- They will also be able to undertake the EWRB EASQ examination.

How is the course delivered?

This course is flexible in delivery dependent on your employment status.

Currently employed	Currently not employed
Theory: 11 online modules	Theory: 11 online modules
On-job: learner will use naturally occurring evidence from the workplace (i.e. job cards, service report) verified by the supervisor or manager.	On-job: Block courses held at E-tec Learning Centre in East Tamaki, Auckland
Part-time learning will approximately take 12 to 18 months	The full programme will approximately take 9 months
Full-time learning will approximately take 9 months	

**You have up to 2 years to complete the program*

Learners completing the Service strand may complete their Electrical Workers Registration Board (EWRB) exam at the end of their qualification. This exam can be completed at any Aspeq Examination Center.

Workplace Verification

Businesses who employ a learner on this course may choose to look after their on-job practical work. Each piece of work needs to be verified by a Workplace Verifier. This person is someone within the business who has appropriate experience and can verify that the work being submitted is true, accurate, and performed by the learner. For the service strand, a current EWRB practising license, is also required.

The primary responsibility of a supervisor when supervising a trainee is to take all practicable steps to ensure that:

- the work is carried out competently
- while the work is being undertaken, appropriate safety measures are adopted
- the completed work is performed in accordance with the requirements of the Electricity Act 1992 and the Electricity (Safety) Regulations 2010 *where appropriate*

E-tec is here to help

E-tec is dedicated to helping each of their learners succeed. Every E-tec student can access the help of a tutor on Wednesdays from 1pm to 6pm in our East Tamaki Centre. Students can also contact their tutor over the phone or by email for assistance.

Qualification

Graduates of the Installation strand will be awarded the *New Zealand Certificate in Electrotechnology (Level 3)*.

Graduates of the Service strand will be awarded the *New Zealand Certificate in Electrotechnology (Level 3)* **and** be eligible to be registered and licensed as an Electrical Appliance Serviceperson (endorsed to disconnect and connect) (EAS endorsed).

Costs

The course costs \$3600 (incl GST).

This course qualifies for the Government's Fees Free policy or the student loan scheme. To find out if you qualify visit www.feesfree.govt.nz

Future pathways

Once you have successfully obtained your *New Zealand Certificate in Electrotechnology (Level 3)* there are many career pathways you can take through the Skills Organisation (ITO).

- **NZC Electronic Security Level 4**
- *NZC Electrical Engineering (Electrical and Electronic Installation and Servicing) Level 4*
- *NZC Electronic Engineering Level 4*
- *NZC in Customer Premises Systems Level 4*

You can also upskill in one of the many training options E-tec has to offer. Visit our website for information on these courses.

www.etec.ac.nz

Enrolment

This course is delivered in partnership between E-tec and the Manukau Institute of Technology (MIT). Enrolments are collected through E-tec at admin@shift.org.nz or 09 573 1964 and will be confirmed by MIT.

Enquiries

For any enquiries please contact:

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022 568 6671

Or call our office on:
0800 030 500
www.etec.ac.nz