

# New Zealand Certificate in Automotive Electrical Engineering

Level 3 and 4



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Whether you are new to the industry or already experienced, this innovative training programme will provide you with the skills and knowledge to install, maintain and repair electrical and electronic components in a wide range of vehicles.

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### **Programme outline**

This work-based programme is expected to take 4 years to complete both levels 3 and 4.

The training programme includes a mix of practical training and assessment, undertaken in the workplace, and eLearning, allowing you to complete theory elements of the programme at your own pace. You will have access to videos, interactive simulations and theory assessments, which can be easily accessed at any time and from any device – mobile phone, tablet or PC.

### **Entry requirements**

You must be employed full-time in the industry to enrol in this programme.

### **2024 programme fee**

\$1,154 (excluding GST and any bulk learner discount). Some learners may be eligible for the Government's Fees Free scheme (up to two year's free fees) – check your eligibility at [feesfree.govt.nz](https://feesfree.govt.nz).

QUALIFICATION OUTCOMES		LEVEL	CREDITS
<b>OUTCOME 1</b>	Follow workplace policies, procedures and relevant regulations to work safely and effectively in an automotive workshop.	3	10
<b>OUTCOME 2</b>	Use tools and equipment to complete basic workshop engineering tasks.	3	15
<b>OUTCOME 3</b>	Apply fundamental automotive engineering knowledge to service engine, and driveline systems.	3	30
<b>OUTCOME 4</b>	Check operation of, and perform minor repairs on, electrical and electronic systems.	3	40
<b>OUTCOME 5</b>	Apply fundamental automotive engineering knowledge to service steering, suspension and brake systems.	3	25
<b>OUTCOME 6</b>	Contribute to workplace safety and maintain a safe and effective workplace.	4	15
<b>OUTCOME 7</b>	Diagnose and repair or replace sensors and actuators, control units and associated wiring and communication networks in a range of vehicles or machines.	4	100
<b>OUTCOME 8</b>	Use specialist tools and electrical component diagrams to locate, repair and replace electrical and or electronic components in a range of vehicles or machines.	4	65
<b>OUTCOME 9</b>	Install a range of electrical or electronic accessory systems.	4	10

**NEW ZEALAND CERTIFICATE IN  
AUTOMOTIVE ELECTRICAL ENGINEERING  
(LEVEL 3 AND 4)**

Enrol at [mito.nz/autoelectrical](https://mito.nz/autoelectrical)

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