

# Certificate III in Automotive Electrical Technology

AUR30316



The Certificate III in Automotive Electrical Technology prepares new employees or recognises and develops existing workers who service, diagnose and repair vehicle electrical and electronic systems and components.

## Occupational titles may include:

- < **Automotive Electrician**
- < **Automotive Electrical Technician**
- < **Automotive Electrical Diagnostic Technician**

## COURSE REQUIREMENTS:

### DOMESTIC STUDENTS

Training and assessments are conducted in English. A pre training intake interview will be conducted and each learner will undertake a Language, Literacy and Numeracy Assessment.

There are no pre-requisites or any other training package entry requirement to enrol in this course.

### INTERNATIONAL

English requirements:

- must have an IELTS score of 5.5 or
- must have a TOEFL iBT score of 46 or
- must have a PTE Academic score of 42 or
- must have a Cambridge English Advanced (CAE) score of 47 or
- must have an OET score of pass

Completed year 11

### TRAINING DELIVERY:

Courses are available in face-to-face and blended learning modes catering to new entrants and experienced workers.

Classes are run between 1-5 days per week with options available for weekends, evenings and intensive delivery. Programs can be tailored to suit individual needs.

Opportunities also exist for accelerated learning resulting in earlier completion, depending on your existing skills and knowledge.

**Domestic students:** ☎ 13 13 89

**International students:** 📞 +61 3 9450 0500

### DURATION:

- Apprenticeship: 48 Months as part of an Australian approved apprenticeship program.
- Domestic: 57 weeks
- International: 70 weeks

Please see over for Units of Study



# Units of Study



Students will need to complete 32 Units of Competency, consisting of: 20 Core and 12 Electives  
(NB: Elective units will be selected for delivery by ETEA and are subject to change to meet client and industry requirements)

CORE UNITS	
AURAEA3003	Monitor environmental and sustainability best practice in the automotive mechanical industry
AURASA2002	Apply safe working practices in an automotive workplace
AURETK2002	Use and maintain automotive electrical test equipment
AURETR2006	Carry out soldering of electrical wiring and circuits
AURETR2007	Demonstrate knowledge of automotive electrical circuits and wiring systems
AURETR2009	Install, test and repair vehicle lighting and wiring systems
AURETR2010	Fabricate, test and repair wiring harnesses and looms
AURETR2012	Test and repair basic electrical circuits
AURETR2035	Demonstrate knowledge of petrol and diesel engine operation
AURETR3023	Diagnose and repair electronic spark ignition engine management systems
AURETR3024	Diagnose and repair electronic compression ignition engine management systems
AURETR3025	Test, charge and replace batteries
AURETR3027	Install ancillary electronic control unit systems and components
AURETR3028	Diagnose and repair instruments and warning systems
AURETR3029	Diagnose and repair charging systems
AURETR3030	Diagnose and repair starting systems
AURETR3031	Diagnose and repair ignition systems
AURETR3032	Repair electrical systems
AURETR3043	Service and repair electronic body management systems
AURTTA3018	Carry out diagnostic procedures
ELECTIVE	
AURSCA2001	Select automotive parts and products
AURLTZ3001	Diagnose and repair light vehicle emission control systems
AURATA2001	Identify basic automotive faults using troubleshooting processes
AURETU2001	Install air conditioning systems
AURETU3004	Diagnose and repair air conditioning and HVAC systems
AURETU3005	Retrofit and modify air conditioning and HVAC systems
AURETR3022	Diagnose and repair vehicle dynamic control systems
AURETR3044	Service and repair electronic drive management systems
AURTTB2001	Inspect and service braking systems
AURTTA2004	Inspect and service engines
AURETR4037	Diagnose complex electrical and electronic faults in light vehicle safety systems
AURETU2003	Service air conditioning and HVAC systems



**FURTHER INFORMATION**  
Visit our website or contact your  
closest office for further information.

[www.etea.edu.au](http://www.etea.edu.au)



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