

# 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 PTE Academic score of 42 or
- must have a Cambridge English Advanced (CAE) score of 47 or
- must have an OET score of pass

Must be 18 years or older

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

Please see over for Units of Study



**MECHANICAL INSTITUTE OF  
TRAINING AND TECHNOLOGY**

#### Head Office

Level 1, 158 Burgundy St, Heidelberg  
Victoria 3084 Tel: (03) 9450 0500

#### Brunswick Campus (Melbourne)

2/29 Cameron Street, Brunswick  
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#### Bankstown Campus (Sydney)

6 Fetherstone St, Bankstown  
NSW 2200 Tel: 03 9450 0500

#### Yennora Campus (Sydney)

89 Larra St, Yennora  
NSW 2161 Tel: 03 9450 0500

# 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 MITT and are subject to change to meet client and industry requirements)

CORE UNITS	
AURASA002	Follow safe working practices in an automotive workplace
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURETK002	Use and maintain electrical test equipment in an automotive workplace
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURETR012	Test and repair basic electrical circuits
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURETR031	Diagnose and repair ignition systems
AURETR023	Diagnose and repair spark ignition engine management systems
AURETR035	Apply knowledge of petrol and diesel engine operation
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR006	Solder electrical wiring and circuits
AURETR010	Repair wiring harnesses and looms
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems
AURETR027	Install ancillary electronic systems and components
AURETR009	Install vehicle lighting and wiring systems
AURETR032	Diagnose and repair automotive electrical systems
AURETR028	Diagnose and repair instruments and warning systems
AURETR043	Diagnose and repair electronic body management systems
ELECTIVE	
AURTTA018	Carry out diagnostic procedures
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTE004	Inspect and service engines
AURTTF001	Inspect and service petrol fuel systems
AURLTE002	Diagnose and repair light vehicle engines
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURLTZ001	Diagnose and repair light vehicle emission control systems
AURLTD005	Diagnose and repair light vehicle suspension systems
AURLTD004	Diagnose and repair light vehicle steering systems
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems
AURETR022	Diagnose and repair vehicle dynamic control systems
AURAF A003	Communicate effectively in an automotive workplace
AURTTA004	Carry out servicing operations



## FURTHER INFORMATION

Visit our website or contact your closest office for further information

[www.mitt.vic.edu.au](http://www.mitt.vic.edu.au)



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