

Certificate III in Automotive Electrical Technology AUR30320



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 162 or
- must have an OET score of B for each component
- Completed year 11 or equivalent

TRAINING DELIVERY:

- Blended delivery: Face to face training, Virtual Classroom (Zoom) and Practical Placement.
- Delivery will be face-to-face combined with industry assessments. Sessions will consist of workplace visits, demonstration discussions and written assessments. Students will be implementing skills acquired on the course and be assessed in a holistic manner in the workplace. Theory sessions and practical observations are structured to meet this course essential outcomes of competency and employability skills.

Domestic students: ☐ 13 13 89

International students: ☐ +61 3 9450 0500

DURATION:

- Apprenticeship: 48 Months as part of an Australian approved apprenticeship program. (Subject to State Funding Availability)
- Domestic: 57 weeks (may vary depending on the cohort and industry requirements)
- International: 70 weeks (All the courses for International students are run over 2.5 days for a minimum of 20 hours per week)

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	
AURASA102	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
AURETR125	Test, charge and replace batteries and jump-start vehicles
AURETR112	Test and repair basic electrical circuits
AURETR129	Diagnose and repair charging systems
AURETR130	Diagnose and repair starting systems
AURETR135	Apply knowledge of petrol and diesel engine operation
AURETR131	Diagnose and repair ignition systems
AURETR123	Diagnose and repair spark ignition engine management systems
AURETR124	Diagnose and repair compression ignition engine management systems
AURETR006	Solder electrical wiring and circuits
AURETR132	Diagnose and repair automotive electrical systems
AURETR010	Repair wiring harnesses and looms
AURETR027	Install ancillary electronic systems and components
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems
AURETR009	Install vehicle lighting and wiring systems
AURETR128	Diagnose and repair instruments and warning systems
AURETR143	Diagnose and repair electronic body management systems
AURTTA118	Develop and carry out diagnostic test strategies
ELECTIVE	
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTA105	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTE104	Inspect and service engines
AURLTE102	Diagnose and repair light vehicle engines
AURLTD104	Diagnose and repair light vehicle steering systems
AURLTD105	Diagnose and repair light vehicle suspension systems
AURLTB103	Diagnose and repair light vehicle hydraulic braking systems
AURTTF101	Inspect and service petrol fuel systems
AURLTZ101	Diagnose and repair light vehicle emission control systems
AURETR122	Diagnose and repair vehicle dynamic control systems
AURFA103	Communicate effectively in an automotive workplace
AURTTA104	Carry out servicing operations



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

www.etea.edu.au



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