



MELBOURNE TRADES COLLEGE

AUR30320 Certificate III in Automotive Electrical Technology



Description

This qualification reflects the role of individuals who service, diagnose and repair electrical systems and components in vehicles in the automotive electrical service and repair industry.

Course Duration

This course has been designed to be delivered over 61 weeks of scheduled classes and 10 weeks holidays. The total course duration is 71 weeks. Students are required to attend 20 scheduled course contact hours per week.

Who can Enrol

International students who may have limited knowledge or some experience in the Automotive industry. It is expected that their knowledge and skills will be developed over the duration of the course.

Mode of Delivery

- Classroom based Face to Face theory learning
- Practical training at Automotive workshop.

Pathways from the qualification

Students exiting the qualification may choose to progress with further studies by undertaking one or more of the following qualifications:

- AUR40216 Certificate IV in Automotive Mechanical Diagnosis
- AUR50116 Diploma of Automotive Management

Employment Pathways from the qualification

This qualification prepares students to service, diagnose and repair electrical systems and components in vehicles in the automotive electrical service and repair industry. This course may lead to employment as an Automotive Electrical Technician.

Possible job titles include:

- Automotive Electrician
- Automotive Electrical Technician
- Automotive Electrical Diagnostic Technician

Above pathway information is in line with qualification description on National Training Register (www.training.gov.au) and/or <https://www.myskills.gov.au/>, it does not imply any job guarantee or job role at the end of the course.

Course Fees

Tuition fee: \$18250

Material fee: \$1200

Application fee: \$250

Total course fee: \$19700

*Fees subject to change without prior notice. For the latest fee information, please check the website www.melbournetradescollege.vic.edu.au, under the Fees and Charges Section

Assessments

Assessment will usually commence once training has begun. As this is a competency-based program, assessment continues throughout the program until the participant either achieves competency in the assessment tasks or a further training need is identified and addressed. Students will be required to perform in a range of assessment tasks including and not limited to knowledge questions in the form of written assessments and being observed demonstrating assessment tasks.

Course delivery location

Theory and practical aspects of this course will be delivered at:

73 Ashley Street Braybrook, Victoria - 3019



COURSE CONTENT

Total 32 units (21 core units plus 11 elective units)

CORE UNITS

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace.
AURASA102	Follow safe working practices in an automotive workplace.
AURETK002	Use and maintain electrical test equipment in an automotive workplace
AURETR006	Solder electrical wiring and circuits.
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems.
AURETR009	Install vehicle lighting and wiring systems
AURETR010	Repair wiring harnesses and looms
AURETR027	Install ancillary electronic systems and components
AURETR112	Test and repair basic electrical circuits
AURETR123	Diagnose and repair spark ignition engine management systems.
AURETR124	Diagnose and repair compression ignition engine management systems
AURETR125	Test, charge and replace batteries and jump-start vehicles.
AURETR128	Diagnose and repair instruments and warning systems.
AURETR129	Diagnose and repair charging systems.
AURETR130	Diagnose and repair starting systems.
AURETR131	Diagnose and repair ignition systems.
AURETR132	Diagnose and repair automotive electrical systems.
AURETR135	Apply knowledge of petrol and diesel engine operation.
AURETR143	Diagnose and repair electronic body management systems.
AURTTA118	Develop and carry out diagnostic test strategies
AURTTE104	Inspect and service engines.

ELECTIVE UNITS

AURAFA103	Communicate effectively in an automotive workplace.
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTA017	Carry out vehicle safety inspections. Carry out servicing operations.
AURTTA104	Inspect, test and service charging systems.
AURETR013	Inspect, test and service starting systems.
AURETR014	Diagnose and repair cooling Systems
AURTTC103	Diagnose and repair light vehicle steering systems.
AURLTD104	Diagnose and repair light vehicle suspension systems.
AURLTD105	Inspect and service braking systems
AURTTB101	Diagnose and repair light vehicle engines
AURLTE102	Diagnose and repair light vehicle engines

General Entry requirements:

- Applicants must be 18 years of age or older
- Satisfactory completion of the equivalent of Australian Year 11 or higher.
- Minimum IELTS score of 6.0 or PTE score of 52 or its equivalent. For equivalency of various English Languages proficiency testing, and other forms of equivalency please refer to the Enrolment policy and procedure available on the website or student handbook
- Students must complete a Pre-Training Review and successfully complete a LLN test to confirm the ability to effectively undertake the course.
- Have physical attributes suitable for working in the automotive industry that encompasses manual handling of equipment including lifting and carrying heavy objects within scope of safe working practices (i.e., removing and fitting engine electrical components and parts).



How to Enrol

To apply and enrol into this course please follow the link below.

Website - www.melbournetradescollege.vic.edu.au
or email us on info@melbtc.vic.edu.au

Further Information

For any further information please refer to the student prospectus 2025-2026 available on our website - www.melbournetradescollege.vic.edu.au
Or email us on info@melbtc.vic.edu.au



EXCEED VENTURES PTY LTD T/A MELBOURNE TRADES COLLEGE
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