



Sheffield College
Australia

RTO 40277 CRICOS 03034K



CERTIFICATE III IN AUTOMOTIVE ELECTRICAL TECHNOLOGY

COURSE Code-AUR30320
CRICOS Code-105659F

2023

- 01 Duration**
The course is delivered over 78 weeks on a full-time basis. It is divided into 6 terms
- 02 Pre-requisites**
There are no pre-requisites for this qualification
- 03 To Enrol**
Visit our website and click on "Apply Now"
- 04 Delivery Location**
L1, 7 James Pl, Adelaide
1A Davies Tce, Nailsworth
- 05 Intakes**
Every month*

DESCRIPTION

This qualification covers the skills and knowledge required to perform service, diagnose and repair electrical systems and components in vehicles in the automotive electrical service and repair industry.

ENTRY REQUIREMENTS

Successful completion of year 10 or equivalent level of studies; and you must be 18 years of age and possess an IELTS overall band score of 5.5 or equivalent. Students who do not meet the minimum IELTS requirement will be referred to accredited English Language Training provider to undertake an English language course prior to commencing the qualification.

CAREER OPPORTUNITIES

The successful completion of this course prepares you as a new employee or recognises and develops your skills as an existing employee to perform service, diagnosis and repair electrical systems and components in vehicles. Possible job roles can be Automotive Electrical Technician or Motor Mechanic.

WORK PLACEMENT

Work placement provides an excellent opportunity to improve your practical skills and gain valuable industry exposure. Although work component is not part of the course but students wishing to undertake can be provided up to 384 hours of work placement. This is organised by Sheffield.

*Except December

www.sheffield.edu.au

A Premium Education Provider

PATHWAY

Students can start working in the industry after completing this course or can go on to undertake AUR40620 Certificate IV in Automotive Electrical Technology or other relevant qualifications.

ASSESSMENTS

Students will be assessed by means of written assignments, oral or written examinations, case studies, presentation, application of knowledge to complete practical tasks and practical demonstration of skills, overall observation of student's performance and activities.

QUALIFICATION

Students successfully completing the course will receive the Certificate III in Automotive Electrical Technology under AQF. Students who do not complete all the required units will be awarded a Statement of Attainment for the units successfully completed.

SELECTION PROCESS

Students must meet all entry requirements as published on our website and provided in the offer letter. Students may be required to attempt an LLN test.

FACILITIES

- State of the art Multimedia
- Highly qualified Trainers
- Computers and printing facility
- Well Equipped automotive workshop

DELIVERY MODE

The course is delivered face-to-face in the class as well as in Sheffield's well equipped automotive workshop through lecturing, presentations, video and practical demonstrations. We may deliver part of the course via other means if face-to-face mode is not permitted.

TIMETABLE

Students will be provided a training plan for the entire course at the orientation.

SUPPORT SERVICES

A range of support services are provided by Sheffield College including but not limited to language, literacy and numeracy, disability, counselling, learning etc.

RPL AND CREDITS

Recognition of Prior Learning or credits for successfully completed units of competency are provided. Students must apply for credit standing at the time of admission.



**Sheffield
College**

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- 🌐 www.sheffield.edu.au

FEE

Students are provided details of all applicable fee as well as clearly defined in their offer letter. Our Fee Policy is also published on our website.

COURSE STRUCTURE

AURASA102	Follow safe working practices in an automotive workplace	Core
AURTTA118	Develop and carry out diagnostic test strategies	Core
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	Core
AURETR129	Diagnose and repair charging systems	Core
AURETR130	Diagnose and repair starting systems	Core
AURETR009	Install vehicle lighting and wiring systems	Core
AURTTTE104	Inspect and service engines	Core
AURETR112	Test and repair basic electrical circuits	Core
AURETR131	Diagnose and repair ignition systems	Core
AURETR123	Diagnose and repair spark ignition engine management systems	Core
AURETR125	Test, charge and replace batteries and jump-start vehicles	Core
AURETR132	Diagnose and repair automotive electrical systems	Core
AURETK002	Use and maintain electrical test equipment in an automotive workplace	Core
AURETR006	Solder electrical wiring and circuits	Core
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems	Core
AURETR124	Diagnose and repair compression ignition engine management systems	Core
AURETR027	Install ancillary electronic systems and components	Core
AURETR128	Diagnose and repair instruments and warning systems	Core
AURETR135	Apply knowledge of petrol and diesel engine operation	Core
AURETR143	Diagnose and repair electronic body management systems	Core
AURETR010	Repair wiring harnesses and looms	Core
AURTTB101	Inspect and service braking systems	Elective
AURLTJ113	Remove, Inspect and refit light vehicle wheel and tyre assemblies	Elective
AURTTA017	Carry out vehicle safety inspections	Elective
AURTTFI01	Inspect and service petrol fuel systems	Elective
AURTTTC001	Inspect and service cooling systems	Elective
AURTTD002	Inspect and service steering systems	Elective
AURLTZI01	Diagnose and repair light vehicle emission control systems	Elective
AURTTD004	Inspect and service suspension systems	Elective
AURTTA104	Carry out servicing operations	Elective
AURTTK102	Use and maintain tools and equipment in an automotive workplace	Elective
AURETR011	Install basic ancillary electrical systems and components	Elective

*Please note: Units/Electives may be substituted/replaced at any time without prior notice.

