



AUR30316 Certificate III in Automotive Electrical Technology

National ID: AUR30316 | State ID: BAD3

About this course

**LOWER FEES
LOCAL SKILLS**

This qualification is part of the [Lower fees, local skills](#) program where you'll pay only half of the standard course fees.

Fine tune your automotive career

You will be required to complete the Certificate III in Automotive Electrical Technology when you are employed as an **apprentice** automotive electrical technician. This course will give you a broad range of skills and knowledge to work effectively in the automotive industry **servicing, diagnosing and repairing electrical systems** and components in a range of **vehicles**.

Automotive students at the Midland campus enjoy quality facilities including modern vehicles, **specialised diagnostic equipment**, and fully equipped classrooms and workshops.

The Certificate III in Automotive Electrical Technology is an apprenticeship, please see the Apprenticeships section for more information.

Gain these skills

- Vehicle wiring
- Diagnose, service and repair a range of electrical systems including (but not limited too):
 - starting
 - charging
 - ignition
 - lighting

Is this course right for me?

I have the following attributes:

- Good background in reading, writing and mathematics
- Good eyesight and vision for detail
- Practical with good problem-solving skills
- Able to communicate and interact with customers

Details

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online learning, virtual classrooms (live web conferencing with your lecturer and class) and classroom delivery, as well as practical and work experience placements.

Lecturers will provide specific instructions to their student groups on how training will be undertaken.

Semester 1, 2020

Midland - Apprenticeship



Duration: **6 Semester/s**



When: **Semester 1, 2020**



How: **On campus**

Units

Core

National ID	Unit Title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	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
AURETR012	Test and repair basic electrical circuits

National ID	Unit Title
AURETR023	Diagnose and repair spark ignition engine management systems
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURETR027	Install ancillary electronic systems and components
AURETR028	Diagnose and repair instruments and warning systems
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURETR031	Diagnose and repair ignition systems
AURETR032	Diagnose and repair automotive electrical systems
AURETR035	Apply knowledge of petrol and diesel engine operation
AURETR043	Diagnose and repair electronic body management systems
AURTTA018	Carry out diagnostic procedures

Elective

National ID	Unit Title
AURFA003	Communicate effectively in an automotive workplace
AURETR022	Diagnose and repair vehicle dynamic control systems
AURETU003	Service air conditioning and HVAC systems
AURETU004	Diagnose and repair air conditioning and HVAC systems
AURLTZ001	Diagnose and repair light vehicle emission control systems
AURTTA004	Carry out servicing operations
AURTTB001	Inspect and service braking systems
AURTTC003	Diagnose and repair cooling systems
AURTTE004	Inspect and service engines
AURTTF002	Inspect and service diesel fuel injection systems

National ID	Unit Title
AURTTJ011	Balance wheels and tyres
AURTTK002	Use and maintain tools and equipment in an automotive workplace

Entrance requirements

School Leaver	Non-School Leaver	AQF
OLNA or NAPLAN 9 Band 8	C Grades in Year 10 English and Maths or equivalent	Certificate I or Certificate II

You must be employed in a training contract by an appropriate organisation to study.

Further study

North Metropolitan TAFE can help you enhance your skills in this field with the following further study options.

Job opportunities



[Automotive Electrical Technician](#)

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

Fees and charges

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees



**North
Metropolitan**

*We're working for
Western Australia.*

to TIWA.

Please note, fees are subject to change.



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