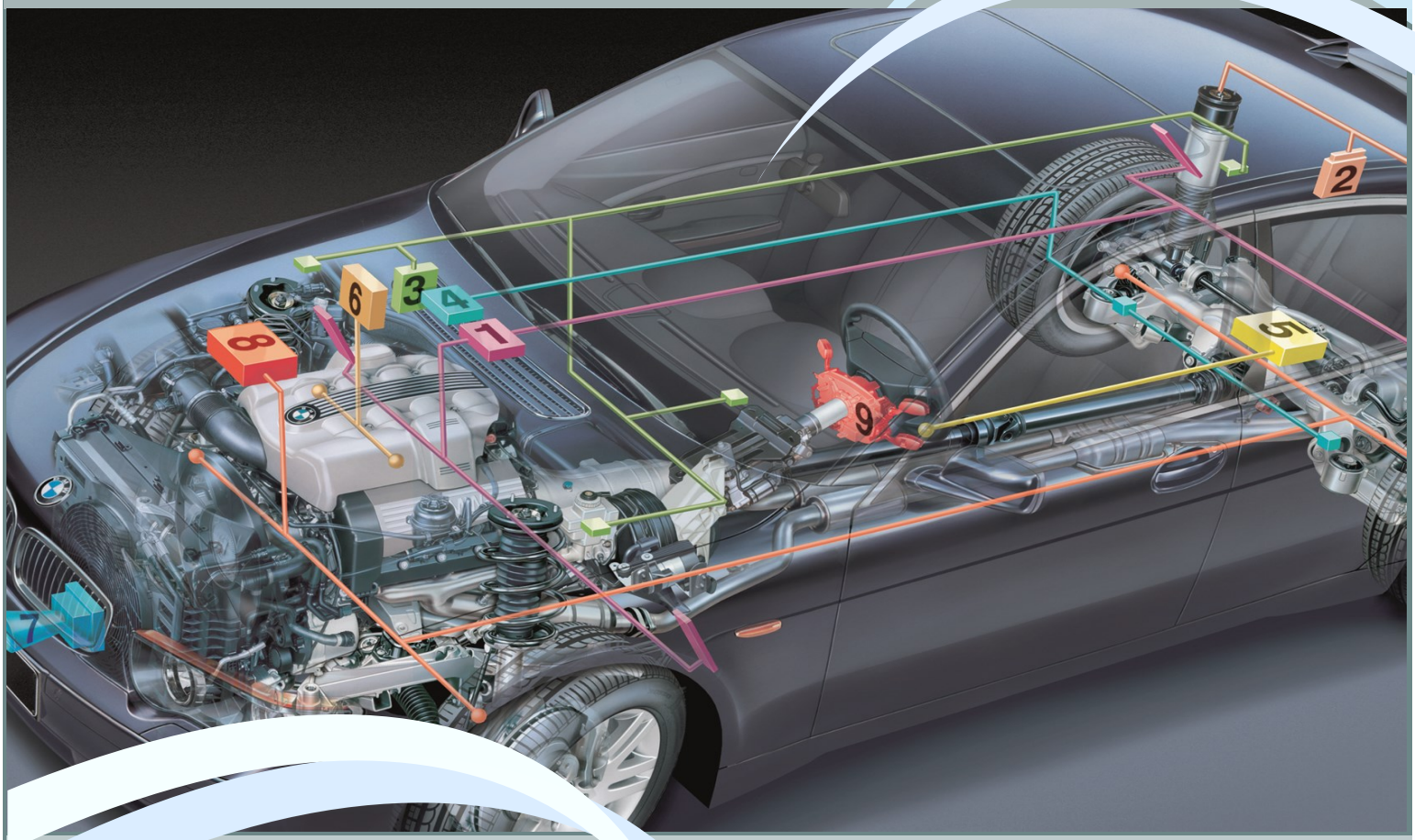
NATIONALLY RECOGNISED TRAINING

# AUR30320 - Certificate III in Automotive Electrical Technology



**RTO Name** Allora College

**Course Name:** Certificate III in Automotive Electrical Technology

**VET National Code:** AUR30320

Vector Institute of Technology Pty. Ltd t/a Allora College

ABN: 11 605 051 563 RTO No: 41249

Version 1.1 Jun 2023

Skills Assure

Proud to be a Queensland Government subsidised training provider

## Course Duration

The anticipated time to complete the course is 3-4 years workshop-based / domestic students.

# WHAT IS THE QUALIFICATION ABOUT?

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 ENTRY REQUIREMENT

**Qualification Entry Requirements**

There are no Training Package entry requirements but it is preferred that the students have a mechanical and electrical aptitude.

**Allora College Entry Requirements**

- Students should have completed formal study to demonstrate a sufficient skill level of language, literacy and numeracy to achieve the qualification.

- Allora college will conduct a Language, Literacy and Numeracy (LLN) assessment before enrolment to assess the language, literacy and numeracy skill level for prospective students. There is no need to be discouraged about this as the LLN is a great tool to allow us to identify any extra support you may require.

-Students should be physically strong to be able to conduct tasks which may include but not limited to manual handling, heavy lifting and the ability to stand for long periods of time.

## QUALIFICATION RULES & UNITS OF COMPETENCY

### 32 units in total: 21 core units + 11 elective units

The following lists of units of competency have been selected as being an appropriate combination and suitable for industry required outcomes. *Elective can be chosen according to the requirement of the clients*

| Unit Code | Unit Name |
|---|---|
| **Core** | |
| 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 |

| Unit Code | Unit Name |
|---|---|
| **Electives** | |
| AURETR144 | Diagnose and repair integrated engine and transmission management systems |
| AURETB101 | Diagnose and repair electric braking systems |
| AURTTA017 | Carry out vehicle safety inspections |
| AURETR116 | Read and apply vehicle wiring schematics and drawings |
| AURETR120 | Diagnose and repair network electronic control systems |
| AURETR011 | Install basic ancillary electrical systems and components |
| AURETR026 | Remove, replace and program electrical and electronic units and assemblies |
| AURETH101 | Depower and reinitialise battery electric vehicles |
| AURETH002 | Service and maintain battery electric vehicles |
| AURETD101 | Diagnose and repair electronically controlled steering systems |
| AURTTA121 | Diagnose complex system faults |

## DELIVERY AND ASSESSMENT

- Workplace based delivery

(classroom and workshop sessions as required)

Training and Assessment will be conducted through a combination of methods. Both knowledge and practical assessments are required to be completed with a competent outcome for each unit to achieve your certificate.

*Students may choose to undertake Knowledge Assessments requirements online.

## CAREER OUTCOMES

The AUR30320 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.

Employment outcomes targeted by this qualification include:

- ✓ Automotive electrician
- ✓ Automotive electrical technician
- ✓ Automotive electrical diagnostic technician

## PATHWAYS TO FURTHER STUDY

After completing this course, you could enrol into the AUR40616 Certificate IV in Automotive Electrical Technology or other relevant qualifications or explore further study options in the automotive sector.

## CERTIFICATE ISSUE

A certificate is issued where all 32 units have been deemed competent. A statement of attainment is issued when only some units are deemed competent and the course is not completed in full.

Issuing of your certificate and or statement of attainment occurs within 30 days of last unit being deemed competent, however this may be delayed in the event that you have not provided your Unique Student Identifier (USI) or you have an outstanding debts not finalised.

## FEES AND CHARGES

| | |
|---|---|
| Total fee:- | $10,500 |
| Tution Fee:- | $10,000 |
| Admission Fee :- | $500.00 |

Payment Plans Available. For any Further details please refer to our fees and charges brochure .

**Govt. Funding available**

- Co-contribution fee applies.

[Subject to candidate's eligibility]

**For More infomation refer to:**

https://allora.edu.au/aur30320certificate-iii-in-automotive-electrical-technology/

https://desbt.qld.gov.au/training/providers/funded/userchoice/resources

**CANCELLATION AND REFUND POLICY**

Please refer to the cancellation and refund policy @ https://allora.edu.au/refund-policies/

**Campus Details**

This program shall be delivered at the student's workplace.

Any Classroom based trainings will be delivered at

**155, Wellington Road, East Brisbane, QLD, 4169**

Any Practical training will be conducted at student's workplace or nominated workplace

* Successful Completion of the course may result in loss of entitlement (government subsidy) in future.

* Allora College will not collect more than $1500 as pre-paid fee from the students

**https://training.gov.au/Training/Details/AUR30320**

# TO ENROL

For enrollment wcontact our Admissions Officers at following details:-

P: (07) 3157 6552

E: info@allora.edu.au