

AUR30620 – Certificate III in Light Vehicle Mechanical Technology

DESCRIPTION

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of light vehicles in the automotive retail, service and repair industry.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

ELIGIBILITY/ENTRY REQUIREMENTS

To ensure you have the right skills and support to succeed in your course, a Language, Literacy, Numeracy and Digital Literacy (LLND) evaluation helps identify any areas where you may need additional support to help you achieve your goals.

To gain entry into AUR30620 Certificate III in Light Vehicle Mechanical Technology candidates require:

- To be an Apprentice who has entered a Training Contract with their employer and Australian Apprenticeship Support Network NT.
- Understanding of basic computer skills, to navigate online learning materials and assessments.

Students will also need to wear work clothing suited to the automotive industry such as:

- Steel cap boots
- Safety glasses
- Protective clothing

DELIVERY DETAILS

Location(s)	Duration*	Study mode
Casuarina campus Alice Springs campus	3 years (full-time) 6 to 8 x 1-week block/s per year, plus 1 x 2-week block (stage 2) over 3 years	Mixed mode - face-to-face and online Simulated Workplace Workplace

* Duration will vary depending on how long a student takes to reach the required competency level.

Students have access to all resources on LearnLine, CDU 24/7 online learning system.

FEES

Fee Type	2025 Course Fees
NT Government Supported*	\$3,478.00 - \$4,347.50
Full Fee	\$15,961.20 - \$19,951.50

*This course is supported by the NT Government for domestic [eligible](#) students who are NT residents. A limited number of NT Government supported places are available, so secure your place now.

Fees shown are indicative and subject to change annually. Actual course fees may vary depending on the units chosen. International non-student visa-holders; study eligibility needs to be verified before enrolment. Fees may vary depending on the visa type. The course fee rates will vary for commercial contract arrangements.

For further clarification and information on fees, fee exemptions, payment options, instalment plans, and refunds, contact CDU on 1800 061 963 or refer to [TAFE Fees and Payments](#).

ASSESSMENT

Assessments vary with each unit. You will be provided with an assessment guide.

RECOGNITION OF PRIOR LEARNING (RPL)

RPL is a process that determines whether the skills, knowledge and experience you have gained through your previous study, work or life experience can count towards a vocational training qualification at CDU. For more information, refer to [VET RPL](#).

RESOURCES

Students are issued with learning materials and handouts relevant to each unit during their scheduled block.

The required textbook for the course is *Fundamentals of Automotive Technology: Principles & Practices* - CDX - ISBN: 978-1-4496-7108-2.

Computer and internet access may be required to source information and complete assessments.

STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include but are not limited to:

- AUR40216 Certificate IV in Automotive Mechanical Diagnosis (CDU does not deliver),

Possible occupations relevant to this qualification include:

- Automotive Light Vehicle Mechanical Repair Technician.

QUALIFICATION CONTENT

To achieve AUR30620 Certificate III in Light Vehicle Mechanical Technology, a total of thirty-six (36) units of competency must be completed, comprising twenty (20) core and sixteen (16) elective units as detailed in the packaging rules and listed below. The electives offered may vary between campuses.

CORE UNITS

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURETR112	Test and repair basic electrical circuits
AURETR123	Diagnose and repair spark ignition engine management systems
AURETR125	Test, charge and replace batteries and jump-start vehicles
AURETR129	Diagnose and repair charging systems

AURETR130	Diagnose and repair starting systems
AURETR131	Diagnose and repair ignition systems
AURLTD104	Diagnose and repair light vehicle steering systems
AURLTB103	Diagnose and repair light vehicle hydraulic braking systems
AURLTD105	Diagnose and repair light vehicle suspension systems
AURLTE102	Diagnose and repair light vehicle engines
AURLTZ101	Diagnose and repair light vehicle emission control systems
AURTTA104	Carry out servicing operations
AURTTA118	Develop and carry out diagnostic test strategies
AURTTB101	Inspect and service braking systems
AURTTC103	Diagnose and repair cooling systems
AURTTE104	Inspect and service engines
AURTTF101	Inspect and service petrol fuel systems
AURTTK102	Use and maintain tools and equipment in an automotive workplace

ELECTIVE UNITS (select 16)

AURETD101	Diagnose and repair electronically controlled steering systems
AURETH011	Depower and reinitialise hybrid electric vehicles
AURETH101	Depower and reinitialise battery electric vehicles
AURETR122	Diagnose and repair vehicle dynamic control systems
AURETR124	Diagnose and repair compression ignition engine management systems
AURETR132	Diagnose and repair automotive electrical systems
AURETR143	Diagnose and repair electronic body management systems
AURETR144	Diagnose and repair integrated engine and transmission management systems
AURLTQ101	Diagnose and repair light vehicle final drive assemblies
AURLTQ102	Diagnose and repair light vehicle drive shafts
AURLTX101	Diagnose and repair light vehicle manual transmissions
AURLTX103	Diagnose and repair light vehicle clutch systems
AURTTF102	Inspect and service diesel fuel injection systems
AURTTF105	Diagnose and repair engine forced-induction systems
AURTTX102	Inspect and service manual transmissions
AURTTX103	Inspect and service automatic transmissions
AURETK002	Use and maintain electrical test equipment in an automotive workplace (<i>unnamed</i>)
AURETR006	Solder electrical wiring and circuits (<i>unnamed</i>)
AURETR135	Apply knowledge of petrol and diesel engine operation (<i>unnamed</i>)
AURTTA121	Diagnose complex system faults (<i>unnamed</i>)

WITHDRAWING FROM A QUALIFICATION

You may withdraw from this qualification and receive, where relevant, a Statement of Attainment for all units of competency you have successfully completed.

SUPPORT SERVICES

The University supplies support for students in many areas, including Accommodation, Careers and Employability, Counselling, Disability Services, Student Advocacy, Indigenous Tutorial Support Services, International Student Support Services, Library Services, and VET Learner Support Services.

More information is available at [Student Support](#).

CONTACT DETAILS

Automotive, Transport and Civil

E. vet.autocivil@cdu.edu.au
T. 08 8946 7506 (CAS) 08 8959 5465 (ASP)
W. <https://www.cdu.edu.au/study/essentials>

For further information regarding student life at CDU, please refer to <https://www.cdu.edu.au/study/student-life>.