

AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology

DESCRIPTION

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of heavy commercial vehicles in the automotive service and repair sector.

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

ELIGIBILITY/ENTRY REQUIREMENTS

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 AUR31120 Certificate III in Heavy Commercial 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)	Casuarina
Duration*	3 years
Study mode ^^	Face to face, simulated workplace, workplace
Dates ^	Start and end dates: January 12, 2026, to 18 December 2026. <i>Apprentices will receive an individual call-up notification letter.</i>
Attendance ^	Block delivery (3 to 4 x 2-week blocks each year over 3 years) Monday – Friday 8.00 am – 4.20 pm

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

^ Course timetable will be provided on application for the course.

^^ Information relating to study modes can be found in the 2026 TAFE Student Guide

FEES

Fee Type	2026 Course Fees
NT Government Supported*	\$4,581.50
Full Fee	\$20,384.70

*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. For 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

Skills and knowledge assessments are an essential step in progressing through your course. You may be assessed in a number of ways including written assessment, questioning, portfolios, work samples, direct observation, practical assessments and third-party feedback.

Throughout your course you will receive information about assessments including how, when and where assessments will be conducted.

RECOGNITION OF PRIOR LEARNING (RPL)

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

CREDIT TRANSFER (CT)

Charles Darwin University as a Registered Training Organisation recognises the Australian Qualifications Framework qualifications and Statement of Attainments issued by any other Australian Registered Training Organisation (RTO).

Students are encouraged to submit any requests for credit from previous studies at the time of enrolment, to ensure they are not enrolling in units they may not need to undertake.

RESOURCES

Students will have 24/7 access to assessments and learning resources on Learnline, CDU's online learning platform. Before you can start using Learnline, you'll need to make sure that your computer has the correct setup. For more details: <https://www.cdu.edu.au/current-students/services/learnline>

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

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),
- AUR40820 Certificate IV in Automotive Mechanical Overhauling (CDU does not deliver), or other relevant qualifications.

Possible occupations relevant to this qualification include:

- Heavy commercial vehicle technicians.

QUALIFICATION CONTENT

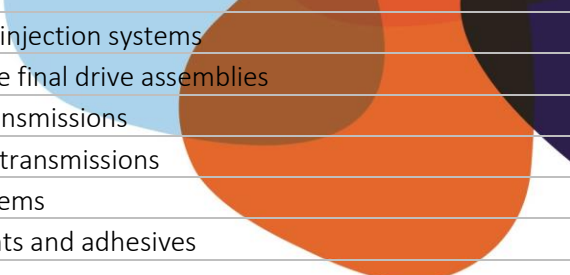
To achieve AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology a total of thirty-six (36) units of competency must be completed comprising twenty-two (22) core and fourteen (14) elective units as detailed in the packaging rules and listed below. The electives offered may vary between 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
AURETR122	Diagnose and repair vehicle dynamic control systems
AURETR124	Diagnose and repair compression 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
AURHTB101	Diagnose and repair heavy vehicle air braking systems
AURHTD102	Diagnose and repair heavy commercial vehicle steering systems
AURHTD103	Diagnose and repair heavy commercial vehicle suspension systems
AURHTE102	Diagnose and repair heavy vehicle compression ignition engines
AURHTQ103	Diagnose and repair heavy vehicle drive shafts
AURHTZ101	Diagnose and repair heavy vehicle emission control systems
AURTTA006	Inspect and service hydraulic systems
AURTTA104	Carry out servicing operations
AURTTA118	Develop and carry out diagnostic test strategies
AURTTTC103	Diagnose and repair cooling systems
AURTTTF102	Inspect and service diesel fuel injection systems
AURTTTF105	Diagnose and repair engine forced-induction systems
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies

ELECTIVE UNITS

AURETR144	Diagnose and repair integrated engine and transmission management systems
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems



AURHTF102	Diagnose and repair heavy vehicle diesel fuel injection systems
AURHTQ102	Diagnose and repair heavy commercial vehicle final drive assemblies
AURHTX101	Diagnose and repair heavy vehicle manual transmissions
AURHTX103	Diagnose and repair heavy vehicle automatic transmissions
AURHTX104	Diagnose and repair heavy vehicle clutch systems
AURTTA105	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTA113	Diagnose and repair hydraulic systems
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting
AURVTW101	Carry out manual metal arc welding on components
AURTTTC001	Inspect and service cooling systems (<i>unnamed</i>)
AURVTW109	Carry out basic gas metal arc welding (<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 provides support for students in many areas, including Accommodation, Careers and Employability, Counselling, Disability Services, Financial Support 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 - Life, Health and Wellbeing](#)

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/tafe>

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