



**Central
Regional**



Course

Pre-Enrolment Guide

Training Area:

**Heavy Commercial
Vehicle Mechanical
Technology**

Training Product:



Your Future. Your Choice. Your TAFE.

Central Regional TAFE spans four regions and around 57% of Western Australia, with nine campuses delivering training that reflects the industries driving our state's economy. From the Midwest and Wheatbelt to the Gascoyne and Goldfields, our footprint is vast – and so are the opportunities.

Studying regionally connects you directly with the jobs that matter. With most agricultural, health, and construction roles based in regional WA, training close to home ensures you build skills where the demand is.

Each campus is shaped by its community and industries. Whether it's aquaculture on the coast, mining in the Goldfields, or agriculture in the Wheatbelt, we work hand-in-hand with employers to make sure your training is current, practical, and linked to real apprenticeships and work placements.

Wherever you live, your local campus is ready to help you succeed – while keeping skills, jobs, and opportunities right here in regional WA.





Your Campus. Your Training. Your Career.

At Central Regional TAFE, it's all about you. We're here to help you shape the future you want, with the right support every step of the way.

Learn from industry experts who bring real-world knowledge into the classroom and gain the confidence and skills employers are looking for. With over 300 nationally recognised courses – from Certificate I through to Advanced Diploma – plus a wide range of short courses, there's a pathway for every ambition.

We know life is busy, so our flexible and online study options help you balance training with work, family, and everything else you've got going on. Add to that payment plans and tailored support, and achieving your goals has never been easier.

Whether you're leaving school, changing careers, or upskilling, you'll find a place at TAFE – and a pathway to a future that works for you.

Train where you live. Build real skills. Shape a future that works – with Central Regional TAFE.



Course Information

AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology

| | |
|---|--|
| Release number | 2 (14 Feb 2021) |
| Required number of units for course completion | Total number of units = 36 <ul style="list-style-type: none"> ○ 22 Core units ○ 14 elective units |
| Duration | 4 Years |
| Location | Geraldton Campus, Technology Park |
| Delivery mode | Classroom |

IS THIS COURSE RIGHT FOR ME?

Before you choose this course, it's a good idea to think about the skills and knowledge you might need. The information below will help you decide if the course is a good fit for you, or if there are areas where you might need some extra support.

Information you need to know about the course

If you are interested in a career maintaining and repairing heavy vehicles such as trucks, buses and machinery, this might be an option for you. This apprenticeship course builds the mechanical skills and knowledge needed to diagnose, service and repair heavy commercial vehicles. It's designed for people who enjoy practical work, problem-solving and working with large, complex systems.

This course might be right for you, if you are:

- Interested in working with trucks, buses and heavy machinery
- Have strong mechanical aptitude and problem-solving skills
- Physically fit and capable of handling larger components
- Comfortable learning complex diagnosis and repair relating to diesel engines, hydraulics, electrical and safety systems.
- Comfortable learning and utilising IT diagnostic systems
- Able to follow strict safety and compliance procedures
- Have basic reading, writing and maths skills
- Enjoy practical, hands-on work in varied environments
- Looking to gain a nationally recognised trade qualification

Course Pathways

This course is designed to build the practical skills and technical knowledge you need for a successful career in the heavy automotive sector. It can open pathways to a variety of job roles or further study opportunities in this field. This qualification supports apprentices employed in Heavy commercial vehicle service and repair roles. The training addresses the growing demand for skilled tradespeople capable of diagnosing and repairing a wide range of Heavy vehicles and equipment used in WA's industrial sector. Further details can be found on our website [here](#).

National Course Entry Requirements

This qualification can **ONLY** be achieved through an Australian Apprenticeship undertaken under a formal training contract. As a Class A qualification, the training contract must meet all regulatory requirements specific to this qualification, including (but not limited to) any mandated entry conditions, duration, and contractual terms applicable to the qualification. This training contract **MUST** be obtained and signed prior to application for the course.

Central Regional TAFE (CR TAFE) Entry Requirements

You must have a unique student identifier to enrol in and complete any nationally recognised training in Australia. If you do not have a UEN or need help getting one we can assist you with the process.

Before you enrol, CR TAFE is required to review your language literacy numeracy and digital skills to help you decide if the course is right for you identify any support you might need or whether other learning options may be better suited to you at this time.

For this course the method of LL review will be an online LL assessment organised by the college.

Fees and Payments

Whether you are enrolling in individual units and/or full qualifications at CR TAFE, you are responsible for paying the enrolment fee for each unit you enrol in.

You will find detailed information about your course costs and how they are calculated on

our website [here](#).

You can also check the drop-down box for FEES on your course page on the website which has details about the course fees.

Further information on:

- key payment terms and conditions
- availability of any relevant government training entitlements and subsidies
- our withdrawal and refund requirements

is available under the Fees and Payment Options section in the Student Handbook on our website [here](#).

Our Student Business Systems team can help if you are unsure about any fee information. Please refer to the Contacts section, on how to contact us.

Learning Resources

You will need the following learning resources for your course:

Textbooks (MANDATORY)

- Heavy Duty Truck Systems 7th edition. Sean Bennett
- Medium/Heavy Duty Truck Engines, Fuel & Computerized Management Systems 6th edition. Sean Bennett.

Resources and equipment you need to bring

You are required to provide (at your own expense) the following list of resources/equipment:

Basic stationary

- Pens
- Correction tape
- Ruler

Basic PPE

- Long sleeved work shirt and pants
- Steel capped workboots
- Safety glasses (non-tinted)

*students are discouraged from bringing their own tooling to TAFE.

CR TAFE online library resources

Our online library has a wide range of electronic resources useful to your course. You can find our online library on the CR TAFE website [here](#). Library staff are available to assist you as required.

Travel and Accommodation

Apprentices may be eligible for travel and accommodation allowance (TAA) if you are a Western Australian resident attending TAFE for off the job training and you must travel more than 70 kms (round trip) from your residential address to attend TAFE. Applications must be completed online.

You can access the forms here: [TAA Apprentices. \(https://www.wa.gov.au/service/education-and-training/vocational-education/travel-and-accommodation-allowance-apprentices-and-trainees\)](https://www.wa.gov.au/service/education-and-training/vocational-education/travel-and-accommodation-allowance-apprentices-and-trainees)

Method of study

Face to face – classroom based

Apprenticeship – conducted over 4 years

My Portal

There is a variety of information available to students on our website under Current Students myPortal. Once you are enrolled, the Student Portal will allow you to view the following:

- My application - view the status of your application to study
- My payments - view your payment history and instalment plan details (if relevant)
- My study - view your course details, units and academic records
- My details - view and update your personal information
- My tasks - view any notices from Central Regional TAFE
- Blackboard - links directly to the Blackboard e-learning platform

Recognition of Prior Learning

Recognition of prior learning (RPL) means an assessment process that involves assessment of an individual's relevant prior learning and experience (including skills and knowledge obtained through formal and informal learning) to determine the extent to which the individual meets requirements specified in the training product. If you think you have existing knowledge and skills in one or more of your units of study, you may apply for RPL. Should you apply for RPL, you will be supported through the process by a lecturer. For further information visit our website [here](#).

Credit

Credit can be given if you have successfully completed a unit or module that has the same code or is deemed equivalent to one in your current course. You may have completed this unit/module at a Registered Training Organisation or at an alternate authorised organisation such as a university.

You will have to provide some evidence you have successfully completed the unit or module. This might include authenticated VET transcripts or other AQF certification documents like Statements of Attainment, Records of Results etc.

You won't be charged for credit. If you think this might apply to you, contact your lecturer to discuss eligibility, the application process and the evidence you need to provide.

Note: CR TAFE will not issue an Award or Statement of Attainment that is achieved wholly through crediting units completed at another RTO.

Appeals and Feedback

CR TAFE values student feedback and recognises that opportunities to improve products and services arise from the effective handling of student complaints. Complaints are processed in a way that balances the interests of students and CR TAFE while making sure the process is fair for everyone.

Students are supported to [provide feedback and make complaints](#). Students have the right to appeal decisions made by the lecturer/assessor and CR TAFE. For example, if you have concerns about your assessment results, please approach your lecturer to discuss the issue and/or refer to our website for details [here](#).

Student Support Services

CR TAFE aims to provide a supportive learning environment for all students. If you have any support needs, either before you enrol or during your course, we encourage you to speak with your lecturer or the Student Support Services team. CR TAFE will provide, or help you access, the support that can assist you in your studies.

Training Support:

You are encouraged to identify any training support that you may need before you enrol and at any point during your learning journey. This may include but not limited to:

- Study Skills
- Accessing and using technology
- Assessments
- Disability support
- Aboriginal and Torres Strait Islander support

Wellbeing Support:

CR TAFE is dedicated to supporting students and to providing a safe and inclusive learning environment for all students including a culturally safe learning environment for Aboriginal people. CR TAFE recognises that student wellbeing is important for a successful learning journey and may provide, or support access to, appropriate services where needed. Wellbeing support may include, but not limited to:

- Counselling and mental health resources (external)
- Career Services and Guidance (internal)
- Financial (fee and debt payment options, scholarships) (internal)
- Abuse, harassment, bullying (internal and external)
- Crisis and Support Lines (external)
- Support for Aboriginal students (internal and external)
- Aboriginal Counselling Support (external)
- Support for students with disability (internal and external)
- Support for international students (internal)

For confidential, no obligation contact information for wellbeing support, please contact our Student Support Services team who can help you with more information on how to access these support services, or go to our [website](#).

Contacts:**Lecturer contact details:**

Name: Zac Lawrie

Phone number: 99562756

Email: zac.lawrie@crtafe.wa.edu.au

Building: Technology Park, Deepdale

Availability: Monday - Friday 8am-4pm

Name: Linsey Heinrich

Phone number: 9956 2772

Email: linsey.heinrich@crtafe.wa.edu.au

Building: Technology Park, Deepdale

Availability: Monday - Friday 8am-4pm

To speak to our Student Business System Team, Student Support Services Team, our Technical Support Team, Aboriginal Support Services or your local Access and Equity Inclusion Officer, contact: 1800 672 700 or enquiries@crtafe.wa.edu.au.

Alternatively, you can complete an online enquiry form <https://www.centralregionaltafe.wa.edu.au/contact-us>.

For help with all things career, training and employment, contact our Jobs and Skills Centres at either our Geraldton, Kalgoorlie or Northam campuses, or call 13 64 64 or go to www.jobsandskills.wa.gov.au.

Award

Upon successful completion of this course, you are entitled to an Award and a Record of Achievement. Should you not have successfully completed all the units of competency required for the Award, you are entitled to a Statement of Attainment for the individual units for which you have been assessed as competent.

Further Resources and Information

More information can be found in our Student Handbook, available for download off our website [here](#).

Notification of Changes to the Course

You will be informed in writing by your lecturer of any changes that affect your course after enrolment. You will be supported throughout the change to ensure there is minimal disruption to your learning journey.

Training Hours

Monday to Friday 8:00am-4:45pm (lunch break from 12:00pm-12:45pm)

| TIME | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 8:00 am-12:00 pm | Technology Park | Technology Park | Technology Park | Technology Park | Technology Park |
| 12:00 pm - 12:45 pm LUNCH BREAK | | | | | |
| 12:45 pm-4:45 pm | Technology Park | Technology Park | Technology Park | Technology Park | Technology Park |

Overview of Training Hours and Assessment Methods

The table below outlines the units you need to complete. It shows the types of training you are required to do, approximately how much time they should take, and how each unit will be assessed. This will help you understand how much time you will need to set aside for each unit you are enrolled in.

| Stage | National ID | Unit Of Competency | Face to Face | Workshops | Work Placement | Structured Out Of Class Activities | Tutorial Study Support | Total | Assessment | Delivery Mode | Core / Elective | Group | Pre-Requisites National Code/s |
|---------------------|-------------|---|--------------|-----------|----------------|------------------------------------|------------------------|-------|------------|---------------|-----------------|------------------------|--------------------------------|
| Sem 1 2026-Block 1A | AURAEA002 | Follow environmental and sustainability best practice in an automotive workplace [AXE88] | 5.00 | 8.00 | | | | 13.00 | 4.00 | Face To Face | Core | Core | |
| | AURASA102 | Follow safe working practices in an automotive workplace [OCK41] | 5.00 | 8.00 | | | | 13.00 | 4.00 | Face To Face | Core | Core | |
| | AURTTK102 | Use and maintain tools and equipment in an automotive workplace [OCL16] | 4.00 | 20.00 | | | | 24.00 | 4.00 | Face To Face | Core | Core | |
| | AURTE104 | Inspect and service engines [OCL22] | 4.00 | 10.00 | | | | 14.00 | 4.00 | Face To Face | Elective | General Elective Units | |
| Sem 1 2026-Block 1B | AURETR125 | Test, charge and replace batteries and jump-start vehicles [OCK04] | 6.00 | 10.00 | | | | 16.00 | 4.00 | Face To Face | Core | Core | |
| | AURTTTC103 | Diagnose and repair cooling systems [OCL10] | 4.00 | 13.00 | | | | 17.00 | 4.00 | Face To Face | Core | Core | |
| | AURTTTF102 | Inspect and service diesel fuel injection systems [OCL40] | 4.00 | 10.00 | | | | 14.00 | 4.00 | Face To Face | Core | Core | |
| | AURTTA105 | Select and use bearings, seals, gaskets, sealants and adhesives [OCJ42] | 6.00 | 12.00 | | | | 18.00 | 3.00 | Face To Face | Elective | General Elective Units | |
| Sem 1 2027-Block 2A | AURHTB101 | Diagnose and repair heavy vehicle air braking systems [OCJ76] | 8.00 | 18.00 | | | | 26.00 | 14.00 | Face To Face | Core | Core | |
| | AURTTA006 | Inspect and service hydraulic systems [AXB09] | 8.00 | 20.00 | | | | 28.00 | 12.00 | Face To Face | Core | Core | |
| Sem 1 2027-Block 2B | AURHTE102 | Diagnose and repair heavy vehicle compression ignition engines [OCJ68] | 6.00 | 16.00 | | | | 22.00 | 25.00 | Face To Face | Core | Core | |
| | AURHTY001 | Inspect and service mechanical connections of heavy vehicles and trailers over 4.5 tonnes [AXD13] | 4.00 | 8.00 | | | | 12.00 | 4.00 | Face To Face | Elective | General Elective Units | |
| | AURTTK001 | Use and maintain measuring equipment in an automotive workplace [AXA63] | 6.00 | 8.00 | | | | 14.00 | 3.00 | Face To Face | Elective | General Elective Units | |

| Stage | National ID | Unit Of Competency | Face to Face | Workshops | Work Placement | Structured Out Of Class Activities | Tutorial Study Support | Total | Assessment | Delivery Mode | Core / Elective | Group | Pre-Requisites National Code/s |
|---------------------|-------------|---|--------------|-----------|----------------|------------------------------------|------------------------|-------|------------|---------------|-----------------|--|--------------------------------|
| Sem 1 2028-Block 3A | AURHTD102 | Diagnose and repair heavy vehicle steering systems [OCJ72] | 6.00 | 19.00 | | | | 25.00 | 15.00 | Face To Face | Core | Core | |
| | AURHTD103 | Diagnose and repair heavy vehicle suspension systems [OCJ71] | 6.00 | 19.00 | | | | 25.00 | 15.00 | Face To Face | Core | Core | |
| Sem 1 2028-Block 3B | AURETH101 | Depower and reinitialise battery electric vehicles [OCK26] | 4.00 | 4.00 | | | | 8.00 | 2.00 | Face To Face | Elective | Imported Elective | |
| | AURHTD104 | Carry out heavy vehicle wheel alignment operations [OCJ70] | 5.00 | 5.00 | | | | 10.00 | 20.00 | Face To Face | Elective | General Elective Units | |
| Sem 1 2028-Block 3C | AURHTX101 | Diagnose and repair heavy vehicle manual transmissions [OCJ49] | 8.00 | 15.00 | | | | 23.00 | 22.00 | Face To Face | Elective | Group A: Heavy Vehicle Manual Transmission | |
| | AURHTX104 | Diagnose and repair heavy vehicle clutch systems [OCJ50] | 8.00 | 15.00 | | | | 23.00 | 12.00 | Face To Face | Elective | General Elective Units | |
| Sem 2 2026-Block 1C | AURETR112 | Test and repair basic electrical circuits [OCK10] | 8.00 | 18.00 | | | | 26.00 | 4.00 | Face To Face | Core | Core | |
| | AURETR006 | Solder electrical wiring and circuits [AXD97] | 4.00 | 12.00 | | | | 16.00 | 4.00 | Face To Face | Elective | Imported Elective | |
| | AURVTW018 | Carry out oxyacetylene welding, thermal heating and cutting [OAK17] | 6.00 | 16.00 | | | | 22.00 | 8.00 | Face To Face | Elective | General Elective Units | |
| Sem 2 2026-Block 1D | AURTTA104 | Carry out servicing operations [OCJ39] | 6.00 | 14.00 | | | | 20.00 | 16.00 | Face To Face | Core | Core | |
| | AURTTA118 | Develop and carry out diagnostic test strategies [OCL47] | 6.00 | 10.00 | | | | 16.00 | 8.00 | Face To Face | Core | Core | |
| | AURTTB101 | Inspect and service braking systems [OCJ84] | 4.00 | 8.00 | | | | 12.00 | 8.00 | Face To Face | Elective | General Elective Units | |
| Sem 2 2027-Block 2C | AURETR129 | Diagnose and repair charging systems [OCK01] | 6.00 | 10.00 | | | | 16.00 | 8.00 | Face To Face | Core | Core | |
| | AURETR130 | Diagnose and repair starting systems [OCJ99] | 6.00 | 12.00 | | | | 18.00 | 8.00 | Face To Face | Core | Core | |
| | AURETR132 | Diagnose and repair automotive electrical systems [OCJ97] | 6.00 | 12.00 | | | | 18.00 | 12.00 | Face To Face | Elective | General Elective Units | |

| Stage | National ID | Unit Of Competency | Face to Face | Works hops | Work Placement | Structured Out Of Class Activities | Tutorial Study Support | Total | Asses sment | Delivery Mode | Core / Elective | Group | Pre-Requisites National Code/s |
|---------------------|-------------|---|--------------|------------|----------------|------------------------------------|------------------------|--------|-------------|---------------|-----------------|------------------------|--------------------------------|
| Sem 2 2027-Block 2D | AURETR124 | Diagnose and repair compression ignition engine management systems [OCK02] | 16.00 | 22.00 | | | | 38.00 | 18.00 | Face To Face | Core | Core | |
| | AURTTF105 | Diagnose and repair engine forced-induction systems [OCL85] | 6.00 | 8.00 | | | | 14.00 | 10.00 | Face To Face | Core | Core | |
| Sem 2 2027-Block 2E | AURHTQ103 | Diagnose and repair heavy vehicle drive shafts [OCJ55] | 8.00 | 18.00 | | | | 26.00 | 12.00 | Face To Face | Core | Core | |
| | AURHTZ101 | Diagnose and repair heavy vehicle emission control systems [ODJ87] | 8.00 | 20.00 | | | | 28.00 | 14.00 | Face To Face | Core | Core | |
| Sem 2 2028-Block 3D | AURETR122 | Diagnose and repair vehicle dynamic control systems [OCK08] | 10.00 | 25.00 | | | | 35.00 | 15.00 | Face To Face | Core | Core | |
| | AURHTB107 | Diagnose and repair heavy commercial vehicle electronic braking systems [OCJ75] | 5.00 | 10.00 | | | | 15.00 | 15.00 | Face To Face | Elective | General Elective Units | |
| Sem 2 2028-Block 3E | AURTTQ001 | Inspect and service final drive assemblies [AXA35] | 5.00 | 10.00 | | | | 15.00 | 8.00 | Face To Face | Core | Core | |
| | AURHTF102 | Diagnose and repair heavy vehicle diesel fuel injection systems [OCJ64] | 15.00 | 18.00 | | | | 33.00 | 24.00 | Face To Face | Elective | General Elective Units | |
| Total | | | 232.00 | 481.00 | 0.00 | 0.00 | 0.00 | 713.00 | 367.00 | | | | |

| Cluster | Unit Of Competency | Core / Elective |
|---------|--------------------|-----------------|
|---------|--------------------|-----------------|



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