



**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
Required number of units for course completion	36
Duration	4 Years total (3 years TAFE, 1 year On-the-job)
Location	Kalgoorlie
Delivery mode	Apprenticeship, face to face

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're drawn to big machines, challenging environments and hands-on problem-solving, a career in mobile plant technology could be your perfect fit. This apprenticeship builds the knowledge and skills needed to diagnose, maintain and repair heavy machinery used in industries such as mining, construction, agriculture and civil works.

To make an informed choice about the suitability of this course, please consider the essential skills and knowledge below. You must:

- Demonstrate technical and mechanical aptitude.
- Enjoy manual hands-on work and have a good level of physical fitness.
- Show your ability to communicate with others and interact with customers.
- Have ability to work independently as well as in a team environment.
- Be able to follow instructions and Work Health and Safety procedures.
- Have good analytical and problem-solving skills.
- Display good hand-eye coordination.
- Have good vision and hearing.
- Have basic reading, writing and mathematical skills.
- 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 (USI) to enrol in and complete any nationally recognised training in Australia. If you do not have a USI 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 (LLND) 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 LLND review will be an online LLND 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

- Heavy Duty Truck Systems 7th edition. Sean Bennett
- Medium/Heavy Duty Truck Engines, Fuel & Computerized Management Systems 6th edition. Sean Bennett.
- Modern Diesel Technology: Heavy Equipment Systems, Cengage International Edition, 4th Edition Robert Huzij, Angelo Spano, 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>)

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: Stephen Beamish

Phone number: 9088 6901

Email: Stephen.Beamish@crtafe.wa.edu.au

Name: Matthew O'Neil

Phone number: 9088 6744

Email: Matthew.ONeil@crtafe.wa.edu.au

Name: Dan Heke

Phone number: 0400 494 860

Email: Dan.Heke@crtafe.wa.edu.au

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.

Timetable and Training Hours

The timetable provided helps you plan your week and understand your study commitments. The timetable shows which days and times you need to attend training. It helps you plan ahead and manage your participation.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 am-12:00 pm	CRTAFE T Block	CRTAFE T Block	CRTAFE T Block	CRTAFE T Block	CRTAFE T Block
12:00 pm – 1:00 pm LUNCH BREAK					
1:00 pm-4:00 pm	CRTAFE T Block	CRTAFE T Block	CRTAFE T Block	CRTAFE T Block	CRTAFE T Block

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
Block 1A 2026	AURAEA002	Follow environmental and sustainability best practice in an automotive workplace [AXE88]	3.00	3.00	0.00		0.00	6.00	3.00	Face To Face, Work Placement	Core		
	AURASA102	Follow safe working practices in an automotive workplace [OCK41]	4.00	11.00	0.00		0.00	15.00	4.00	Face To Face, Work Placement	Core		
	AURTTK102	Use and maintain tools and equipment in an automotive workplace [OCL16]	5.00	18.00	0.00		0.00	23.00	3.00	Face To Face, Work Placement	Core		
	AURTTK001	Use and maintain measuring equipment in an automotive workplace [AXA63]	6.00	6.00	0.00		0.00	12.00	4.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 1B 2026	AURTTA104	Carry out servicing operations [OCJ39]	2.00	12.00	0.00		0.00	14.00	3.00	Face To Face, Work Placement	Core		
	AURTTC103	Diagnose and repair cooling systems [OCL10]	3.00	12.00	0.00		0.00	15.00	4.00	Face To Face, Work Placement	Core		
	AURTTF105	Diagnose and repair engine forced-induction systems [OCL85]	4.00	12.00	0.00		0.00	16.00	4.00	Face To Face, Work Placement	Core		
	AURTTE104	Inspect and service engines [OCL22]	4.00	6.00	0.00		0.00	10.00	4.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 1C 2026	AURHTD102	Diagnose and repair heavy vehicle steering systems [OCJ72]	5.00	14.00	0.00		0.00	19.00	5.00	Face To Face, Work Placement	Core		
	AURHTD103	Diagnose and repair heavy vehicle suspension systems [OCJ71]	5.00	14.00	0.00		0.00	19.00	4.00	Face To Face, Work Placement	Core		
	AURTTD002	Inspect and service steering systems [AXA79]	4.00	14.00	0.00		0.00	18.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 1D 2026	AURETR122	Diagnose and repair vehicle dynamic control systems [OCK08]	2.00	10.00	0.00		0.00	12.00	7.00	Face To Face, Work Placement	Core		
	AURHTB101	Diagnose and repair heavy vehicle air braking systems [OCJ76]	2.00	10.00	0.00		0.00	12.00	4.00	Face To Face, Work Placement	Core		
	AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems [AXD48]	2.00	10.00	0.00		0.00	12.00	4.00	Face To Face, Work Placement	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
Block 1D 2026	AURTTB004	Inspect and service air braking systems [AXA87]	2.00	13.00	0.00		0.00	15.00	4.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 2A 2027	AURETR112	Test and repair basic electrical circuits [OCK10]	2.00	10.00	0.00		0.00	12.00	4.00	Face To Face, Work Placement	Core		
	AURETR125	Test, charge and replace batteries and jump-start vehicles [OCK04]	3.00	10.00	0.00		0.00	13.00	4.00	Face To Face, Work Placement	Core		
	AURETR129	Diagnose and repair charging systems [OCK01]	3.00	11.00	0.00		0.00	14.00	5.00	Face To Face, Work Placement	Core		
	AURETR130	Diagnose and repair starting systems [OCJ99]	3.00	10.00	0.00		0.00	13.00	5.00	Face To Face, Work Placement	Core		
Block 2B 2027	AURHTX101	Diagnose and repair heavy vehicle manual transmissions [OCJ49]	5.00	13.00	0.00		0.00	18.00	5.00	Face To Face, Work Placement	Elective	Group A	
	AURHTX104	Diagnose and repair heavy vehicle clutch systems [OCJ50]	5.00	14.00	0.00		0.00	19.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
	AURTTX103	Inspect and service automatic transmissions [OCL94]	5.00	13.00	0.00		0.00	18.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 2C 2027	AURHTE102	Diagnose and repair heavy vehicle compression ignition engines [OCJ68]	4.00	16.00	0.00		0.00	20.00	4.00	Face To Face, Work Placement	Core		
	AURTTA118	Develop and carry out diagnostic test strategies [OCL47]	4.00	13.00	0.00		0.00	17.00	5.00	Face To Face, Work Placement	Core		
	AURHTE001	Remove and install heavy vehicle engine assemblies [AXD36]	5.00	14.00	0.00		0.00	19.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 2D 2027	AURTTA006	Inspect and service hydraulic systems [AXB09]	5.00	26.00	0.00		0.00	31.00	4.00	Face To Face, Work Placement	Core		
	AURTTA113	Diagnose and repair hydraulic systems [OCK25]	4.00	26.00	0.00		0.00	30.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 3A 2028	AURHTQ103	Diagnose and repair heavy vehicle drive shafts [OCJ55]	5.00	14.00	0.00			19.00	4.00	Face To Face, Work Placement	Core		
	AURTTQ001	Inspect and service final drive assemblies [AXA35]	5.00	14.00	0.00			19.00	3.00	Face To Face, Work Placement	Core		

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
Block 3A 2028	AURHTQ102	Diagnose and repair heavy commercial vehicle final drive assemblies [OCJ57]	5.00	15.00	0.00			20.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 3B 2028	AURHTZ101	Diagnose and repair heavy vehicle emission control systems [ODJ87]	5.00	14.00	0.00		0.00	19.00	5.00	Face To Face, Work Placement	Core		
	AURTTF102	Inspect and service diesel fuel injection systems [OCL40]	5.00	13.00	0.00			18.00	4.00	Face To Face, Work Placement	Core		
	AURHTF102	Diagnose and repair heavy vehicle diesel fuel injection systems [OCJ64]	5.00	14.00	0.00		0.00	19.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
Block 3C 2028	AURETR124	Diagnose and repair compression ignition engine management systems [OCK02]	7.00	42.00	0.00		0.00	49.00	21.00	Face To Face, Work Placement	Core		
Block 3D 2028	AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting [OAK17]	5.00	25.00	0.00		0.00	30.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
	AURVTW101	Carry out manual metal arc welding on components [OCI84]	5.00	25.00	0.00		0.00	30.00	5.00	Face To Face, Work Placement	Elective	General Elective Units	
Total			148.00	517.00	0.00	0.00	0.00	665.00	175.00				
Cluster	Unit Of Competency								Core / Elective				



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 1800 672 700

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