



**Careers  
Australia**

**Our Experience - Your Education**

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***AUR50205 Diploma of Automotive Technology***

***AUR30405 Certificate III in Automotive Mechanical  
Technology (Light Vehicle)***

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***COURSE HANDBOOK***

Careers Australia Institute of Training  
ABN 30 122 082 204  
RTO 31470  
CRICOS Provider 03026K (QLD)

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## 1 Entry requirements

### ***Age requirements***

The age requirement for entry into Careers Australia Institute of Training International Programs is 18 years and over.

### ***Language requirements***

English is the language of instruction at Careers Australia Institute of Training (“the Institute”) and proficiency in speaking, listening, reading and writing English is essential. The International English Language Testing System (IELTS) is the preferred English language proficiency qualification but the Institute may accept other evidence of proficiency in English in individual cases.

The Institute requires all students whose first language is not English to provide formal evidence of their English competency with an IELTS test. This test must be current within the last two years. Where evidence of a suitable test result can not be provided, the Institute reserves the right to deny the application until the language requirement can be met by the applicant.

The minimum level of a student’s English language is a score of IELTS 5.5 (Academic), ISLPR or relevant assessment. Further information may be accessed from the Australian Department of Immigration and Citizenship [www.immi.gov.au](http://www.immi.gov.au) or the Australian Government Department of Foreign Affairs and Trade <http://www.dfat.gov.au/missions>

### ***Academic requirements***

The academic requirement for entry into Careers Australia Institute of Training International Programs is the completion of secondary schooling..

### ***Academic recognition***

Students with other qualifications should apply for pre visa course credit recognition assessment. Your qualification details can be forwarded to the Institute for assessment.

## 2 Course information

The training is conducted under the AUR05 National Training Package. The Institute may alter its course design and structure within the rules of the qualification and endeavours to engage students in such changes as much as practicable.

Any transition from one package to another will be facilitated to minimise disruption to students. Changes to course requirements may require changes to course fees, and students will be responsible to meet any fee increases associated with such changes as and when they fall due.

### ***Course structure***

The Certificate III in Automotive Mechanical Technology (Light Vehicle) course is designed to give the student key automotive skills including service, repair and diagnostic techniques.

Practical automotive theory sessions form student’s compulsory timetable and are designed to give each student specialised support in their studies and cultural transition to Australia.

### ***Requirements to achieve a qualification***

#### **AUR30405 Certificate III in Automotive Mechanical Technology (Light Vehicle)**

To be issued with AUR30405 Certificate III in Automotive Mechanical Technology (Light Vehicle), the student must undertake and successfully complete all 36 units of competency in the program and Vocational Placement.

**Units of competency**

Unit Code	Unit Title	RPL Fee
AURC 270103A	Apply safe working practices	\$174
AURT 271781A	Implement and monitor environmental regulations in the automotive mechanical industry	\$174
AURT 270278A	Use and maintain workplace tools and equipment	\$174
AURT 200368A	Select and use bearings, seals, gaskets, sealants and adhesives	\$174
AURC 270789A	Communicate effectively in the workplace	\$174
AURT 200108A	Carry out servicing operations	\$174
AURT 201170A	Inspect and service engines	\$174
AURT203170B	Service petrol fuel systems	\$174
AURE 218676A	Test, service and charge batteries	\$174
AURE 218708A	Carry out repairs to single electrical circuits	\$174
AURT 306170A	Inspect, service and or repair clutch assemblies and associated operating system components	\$174
AURT 217606A	Balance wheels and tyres	\$174
AURT 202166A	Repair cooling systems	\$174
AURT 203670A	Service diesel fuel injection systems	\$174
AURT 210170A	Inspect and service braking systems	\$174
AURTL306666A	Repair transmissions - manual (Light vehicle)	\$174
AURTL312666A	Repair final drive assemblies (Light vehicle)	\$174
AURTL313666A	Repair final drive (Light vehicle)	\$174
AURT 304666A	Repair and replace emission control systems	\$174
AURT 303166B	Repair petrol fuel systems	\$174
AURT 310166A	Repair hydraulic braking systems	\$174
AURTL301166A	Repair engines and associated engine components (Light vehicle)	\$174
AURTL315166A	Repair steering systems (Light vehicle)	\$174
AURTL316166A	Repair suspension systems (Light vehicle)	\$174
AURE 321471A	Service and repair electronically controlled anti-lock braking systems	\$174
AURE321271A	Service and repair electronic drive management systems	\$174
AURE 321371A	Service and repair electronic body management systems	\$174
AURE 320666A	Repair ignition systems	\$174
AURE 321171A	Service and repair electronic spark ignition engine management systems	\$174
AURE 319266A	Repair starting systems	\$174
AURE 319166A	Repair charging systems	\$174
AURT 222670A	Service air conditioning systems	\$174
AURT 322666A	Repair/retrofit air conditioning systems	\$174
AURT 366108A	Carry out diagnostic procedures	\$174
AURT 365508A	Carry out vehicle safety/roadworthy inspection	\$174
AURT 222631A	Install air conditioning systems	\$174
	Vocational Placement	

**AUR50205 Diploma of Automotive Technology**

To be issued with a Diploma of Automotive Technology, the student must undertake and successfully complete all 22 units of competency in the program and Vocational Placement.

**Units of Competency**

Unit Code	Unit Title	RPL Fee
AURT575293A	Analyse and evaluate electrical & electronic faults in engine management systems	\$284
AURT575393A	Analyse and evaluate electrical & electronic faults in transmission driveline systems	\$284
AURT575593A	Analyse and evaluate electrical & electronic faults in safety systems	\$284
AURT577520A	Prepare technical reports	\$284
AURT577620A	Develop and document specifications and procedures	\$284
AURT570093A	Analyse and evaluate light vehicle steering and suspension faults	\$284
AURT570193A	Analyse and evaluate light vehicle driveline system faults	\$284
AURT570293A	Analyse and evaluate light vehicle engine and fuel system faults	\$284
AURT570393A	Analyse and evaluate light vehicle braking system faults	\$284
AURT401145A	Overhaul engines and associated engine components	\$284
AURT471782A	Plan and manage compliance with environmental regulations in the mechanical repair industry	\$284
AURT466208A	Carry out diagnosis of complex system faults	\$284
AURT309131B	Install hydraulic systems to specified applications	\$284
AURT309140A	Manufacture and install fluid power hose assemblies	\$284
AURT309166A	Repair hydraulic systems	\$284
AURT309604A	Assemble and install pneumatic system/components	\$284
AURT365130A	Inspect vehicle systems and determine preferred repair action	\$284
AURT571293A	Analyse and evaluate heavy vehicle engine and fuel system faults	\$284
AURT572293A	Analyse and evaluate mobile plant engine fuel system faults	\$284
AURT575093A	Analyse and evaluate electrical and electronic faults in stability / steering / suspension systems	\$284
AURT574020A	Develop and apply mechanical systems modification	\$284
AURT406645A	Overhaul transmissions (manual)	\$284
	Vocational Placement	

**Course timetable**

The Certificate III in Automotive Mechanical Technology (Light Vehicle) will be delivered and assessed in one year over two semesters and is considered to be full time. The Diploma of Automotive Technology will also be delivered and assessed in one year over two semesters and is also considered to be full time. In addition students may undertake Vocational Placement at regular times during their studies.

To maximise your opportunity for success, students are expected to attend each scheduled session. The minimum class contact hours are 20 hours per week. It is expected that for every hour of class contact time, you will need to complete a minimum of one ½ hour self study time in order to meet the course requirements. If a student is absent from two or more consecutive sessions, a medical certificate is required and a counseling session is available.

Students are encouraged to manage their time and study habits efficiently to allow sufficient time for relaxing, catching up with family and friends, hobbies and fun.

### ***Teaching methodology***

Teaching will be conducted in two distinct modes: Theory and Practical. However, these modes will be interlaced with some theoretical information delivered during Practical sessions in order to provide students with the required links between the underpinning knowledge and skills required to achieve competency in any particular task. Also, during purely theoretical subjects activities such as role-plays may be conducted in order that students may apply knowledge and practice skills.

This course is based on the practical application of skills and knowledge needed by an Automotive Technician and uses effective training methodology in cases of individual or small group settings.

Whichever delivery mode is used, the emphasis is on practical based applications. With the support of learning materials, the course is delivered through a range of modes, including:

- Face to face facilitation
- Independent learning
- Group based workshops and discussions
- Simulated sessions

### ***Assessment and grading***

***Assessment evidence*** considers how the person brings together:

- Knowledge
- An understanding of the work context
- A decision about what to do
- Attitudes, values and ethics as well as what the person actually did to perform the role.

***Assessment methodology*** may include:

- Practical Sessions
- Short answer/multiple choice questions
- Assignments
- Examinations
- Oral presentations
- Live and Simulated Service techniques
- Live and simulated repair techniques
- Role play
- Question and answer (verbal or written)
- Visual presentation

### ***Re-assessment***

Any re-assessment is conducted as soon as practicable after you have been informed of the requirement to be re-assessed and have been given the opportunity to be re-trained and assimilate the training if required. You are re-assessed in only the areas assessed NYC and re-assessment is made under the same conditions as the original assessment. It is at the trainer's discretion to re-assess the entire assessment should it be demonstrated an overall understanding of this unit has not been achieved.

The ***grading system*** of the Certificate III program is either Competency Achieved (CA) or Not Yet Competency (NYC).

***Academic Progress***

CAIT has a Duty of Care which extends to monitoring student academic performance. CAIT has procedures in place to help meet student course progress requirements. If a student is identified as not making satisfactory course progress an intervention support program will be implemented.

International students are expected to achieve the following minimum requirements in order to meet the satisfactory course progress requirements:

- A grade of Competent in at least 50% of class assessment
- Satisfactory attendance at scheduled classes

Students will not progress to the next study period unless satisfactory course progress is made in the previous study period. Attendance at Tutorials allows students with unsatisfactory course progress to achieve competency in any subjects not passed.