

## Course Description

This qualification covers the skills and knowledge required to work as a qualified Heavy Automotive Mechanic. Students will primarily focus on:

- Overhaul, service and repair mechanical parts of mobile machinery.
- Repair and service cooling systems, diesel fuel systems, engine forced induction systems and clutch assemblies.
- Repair and service steering and suspension systems, repair of ignition, electronic engine management and electrical systems and what is safe or acceptable wear / damage on vehicle systems and components.
- Develop diagnostic skills to ensure students are capable of discovering faults and carrying out their own procedures for management and repair.

## Course Duration

This course is delivered over a period of 43 weeks. You are enrolled in a classroom based mode for 33.75 hours per week. To get the most out of your course you need to do some self-study in your own time.

## Course Requirements

For overseas participants whose first language is not English, the required level of entry for this course is a minimum of:

IELTS (International English Language Testing System) with a score of 6 with no individual score of less than 5 or equivalent.

Participants must be over the age of 18 years.

For further information on entry requirements, please contact the International Administration Officer on +61 7 4779 2199.

Following receipt of payment of the non-refundable enrolment fee, enrolment form and signed acceptance of course offer documentation, the participants place will be confirmed.

## Recognition of Prior Learning (RPL)

Students who have completed relevant studies or have some of the competencies in the course may apply for Recognition of Prior Learning (RPL). Application can be made with the initial application or can be made within two weeks

of the course commencement using the RPL Application Form and by providing supporting documents.

Please Note: RPL cannot result in an international student having less than a full time load of study (20 hours).

## Teaching Methods

Every subject may be different. It is important to study the subject outline. Facilitators will explain the details at the start of the subject. Lessons are supported by powerpoint slides plus visual topic content, with practice time, tutorial time and extra skills tutoring. Automotive Servicing Technology subjects will be a combination of face-to-face facilitator led instruction (both workshop and classroom contexts) and simulated on-the-job application. Materials are provided in print and digital copy as part of the course.

## Assessment Methods

Assessments may include written knowledge tests, discussions and oral communication demonstrations, written reports, web based research and reports, observations, and final reports. To perform at your best, you may need to work on the assessments outside of class time.

## Pathways and Employment Outcomes

After achieving the AUR31116 Certificate III in Heavy Commercial Vehicle Mechanical Technology, you have a number of pathway options. You can complete further study at TecNQ or other trade institutions.

Please refer to [www.myskills.gov.au](http://www.myskills.gov.au) for employment outcomes. Please Note: Visa, Residency and Citizenship requirements may have implications on further studies and employment in Australia.

## Course Fees

The following fees will apply:

- Enrolment Fee - \$250.00 AUD (non-refundable)
- Course - \$13,750 AUD
- Uniform Cost - \$215.60 AUD (subject to change)
- Stationary Cost - \$271.74 AUD (subject to change)

## Start Date

4 September, 2017

Competency Code	Competency Name	Core / Elective	Price
AURASA2002	Apply safe working practices in an automotive workplace	Core	\$1102.04
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	Core	\$1377.55
AURETR012	Test and repair basic electrical circuits	Core	\$2204.08
AURETR022	Diagnose and repair vehicle dynamic control systems	Core	\$3857.14
AURETR024	Diagnose and repair compression ignition engine management systems	Core	\$2755.10
AURETR025	Test, charge and replace batteries and jump-start vehicles	Core	\$826.53
AURETR029	Diagnose and repair charging systems	Core	\$1653.06
AURETR030	Diagnose and repair starting systems	Core	\$1653.06
AURHTB001	Diagnose and repair heavy vehicle air braking systems	Core	\$1653.06
AURHTD002	Diagnose and repair heavy commercial vehicle steering systems	Core	\$2204.08
AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems	Core	\$2204.08
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines	Core	\$2204.08
AURHTQ003	Diagnose and repair heavy vehicle drive shafts	Core	\$1653.06
AURHTZ001	Diagnose and repair heavy vehicle emission control systems	Core	\$1102.04
AURTTA004	Carry out servicing operations	Core	\$1102.04
AURTTA006	Inspect and service hydraulic systems	Core	\$1102.04
AURTTA018	Carry out diagnostic procedures	Core	\$1102.04
AURTTC003	Diagnose and repair cooling systems	Core	\$1102.04
AURTTF002	Inspect and service diesel fuel injection systems	Core	\$1102.04
AURTTF005	Diagnose and repair engine forced-induction systems	Core	\$826.53
AURTTK002	Use and maintain tools and equipment in an automotive workplace	Core	\$1653.06
AURTTQ001	Inspect and service final drive assemblies	Core	\$275.51
AURHTX001	Diagnose and repair heavy vehicle manual transmissions	Elective	\$2755.10
AURHTX004	Diagnose and repair heavy vehicle clutch systems	Elective	\$1928.57
AURTTE004	Inspect and service engines	Elective	\$1102.04
AURTTD002	Inspect and service steering systems	Elective	\$551.02
AURTTD004	Inspect and service suspension systems	Elective	\$551.02
AURTTX002	Inspect and service manual transmissions	Elective	\$551.02
AURTTB001	Inspect and service braking systems	Elective	\$1102.04
AURVTW008	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures	Elective	\$1653.06
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	Elective	\$1653.06
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems	Elective	\$4408.16
AURHTE001	Remove and install heavy vehicle engine assemblies	Elective	\$1928.57
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies	Elective	\$1653.06
AURTTX003	Inspect and service automatic transmissions	Elective	\$551.02
AURTTA013	Diagnose and repair hydraulic systems	Elective	\$3306.12