

1. Course description

Training Package Code and Title	AUR Automotive Industry Retail, Service and Repair
National Qualification Code and Title	AUR30816 Certificate III in Motorcycle Mechanical Technology - Apprenticeship
Qualification Description	<p>This qualification reflects the role of individuals who perform a broad range of tasks on a variety of motorcycles in the automotive service and repair industry.</p> <p>The apprentice undertaking this role will diagnosis procedures to determine faults, repair and servicing of engines and engine components, cooling systems, petrol fuel systems, emission control systems, clutch assemblies, manual transmissions, drivelines, braking, steering and suspension systems. It will also include the repair of charging and starting systems, electrical and ignition systems, tyres and tubes and motor cycle frames including alignment.</p>
Job roles and employment outcomes	<p>On successful completion of the course you will be awarded the Certificate III in Motorcycle Mechanical Technology (AUR30816). As part of the Australian Qualifications Framework this program is nationally recognised.</p> <p>This course prepares you to perform mechanical work in the automotive motorcycle service and repair industry. This course may lead to employment as an Automotive Motorcycle Repair Technician.</p>
Amount of Training	<p>The nominal hours for this qualification are 970.</p> <p>The qualification consists of structured training (face-to-face/on-the-job) over 4 years.</p> <p>In addition, students in this course are expected to engage in learning through:</p> <ul style="list-style-type: none"> • Workplace practice of the knowledge and skills learnt during this qualification • Self-paced research in the workplace aligned to the content in this qualification • Self-directed study to prepare for assessments at training centre

2. Requirements

The specific course entry requirements are (for example, LLN, technology skills or pre-requisite qualifications)
There are no formal qualifications entry requirements.
No licensing, legislative or certification requirements apply to this qualification at the time of publication.

3. Course Structure

Stage/ Block	Unit Title	Unit National Code	Nominal Hours	Core/Elective
1	Follow environmental and sustainability best practices in an automotive workplace	AURAEA002	25	Core
1	Follow safe working practices in an automotive workplace	AURASA002	20	Core
1	Communicate effectively in an automotive workplace	AURAF003	20	Elective
1	Use and maintain tools and equipment in an automotive workplace	AURTTK002	20	Core
1	Test, charge and replace batteries and jump-start vehicles	AURETR025	15	Core
1	Remove, inspect and refit motorcycle wheel and tyre assemblies	AURJTJ001	20	Elective
1	Remove, inspect, repair and refit motorcycle tyres and tubes	AURJTJ002	40	Elective
1	Inspect and service motorcycle driveline systems	AURJTQ001	5	Elective
1	Inspect and service engines	AURTTE004	20	Core
1	Inspect and service braking systems	AURTTB001	20	Core
2	Select and use bearings, seals, gaskets, sealants and adhesives	AURTTA005	10	Elective
2	Inspect and service final drive assemblies	AURTTQ001	5	Core
2	Inspect and service drive shafts	AURTTQ003	5	Core
2	Inspect and service petrol fuel systems	AURTTF001	25	Core
2	Diagnose and repair petrol carburettor systems	AURTTF006	50	Core
2	Diagnose and repair motorcycle braking systems	AURJTB001	40	Core
2	Diagnose and repair motorcycle clutch systems	AURJTX001	30	Core
2	Inspect and service cooling systems	AURTTC001	10	Elective

2	Inspect motorcycle steering systems	AURJTD002	10	Elective
2	Carry out basic gas metal arc welding	AURVTW009	20	Elective
3	Diagnose and repair cooling systems	AURTTC003	20	Core
3	Diagnose and repair motorcycle suspension systems	AURJTD003	25	Core
3	Diagnose and repair motorcycle steering systems	AURJTD004	25	Core
3	Diagnose and repair motorcycle driveline systems	AURJTQ002	20	Core
3	Diagnose and repair light vehicle drive shafts	AURLTQ002	20	Elective
3	Solder electrical wiring and circuits	AURETR006	20	Elective
3	Test and repair basic electrical circuits	AURETR012	40	Core
3	Carry out diagnostic procedures	AURTTA018	20	Core
4	Diagnose and repair motorcycle engines	AURJTE001	60	Core
4	Diagnose and repair charging systems	AURETR029	30	Core
4	Diagnose and repair starting systems	AURETR030	30	Core
4	Diagnose and repair ignition systems	AURETR031	30	Core
4	Diagnose and repair vehicle dynamic control systems	AURETR022	70	Elective
4	Diagnose and repair spark ignition engine management systems	AURETR023	60	Core
4	Diagnose and repair motorcycle manual transmissions	AURJTX002	40	Core
4	Diagnose and repair motorcycle automatic transmissions	AURJTX003	50	Elective



Course Overview

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4. Fees

In most cases the Queensland Government meets the cost of training. This means that neither the employer nor the apprentice pay for the training component of the Apprenticeship. However, learners may be required to pay a minimal Government contribution fee determined on an individual basis prior to enrolment.

An employer of an apprentice may be eligible for Commonwealth incentives. For further information contact Australian Apprenticeship Pathways on 1800 338 022 or go to their website www.aapathways.com.au