



CATHOLIC SCHOOLS OFFICE, LISMORE DIOCESE 7054

THE INFORMATION PROVIDED IS CORRECT AT 6 APRIL 2017

AUTOMOTIVE

The Vocational Preparation qualification covers the skills and knowledge required to perform a limited range of tasks related to inspecting and performing minor repairs on mechanical and electrical components and systems of cars.

Students undertaking a School Based Traineeship are eligible to undertake units of competency for the Automotive Servicing Technology qualification (AUR20516). This covers the skills and knowledge required to perform a range of servicing operations on light vehicles, heavy vehicles and/or motorcycles within an automotive service or repair business.

COURSE DETAILS

QUALIFICATION OUTCOMES	Students who demonstrate competency in the required units may be eligible for AUR20716 Certificate II in Automotive Vocational Preparation. SBAT students who demonstrate competency in the required units and undertake the specialisation course may be eligible for AUR20516 Certificate II in Automotive Servicing Technology
HOURS	240 hours
DELIVERY	Face-to-face by qualified staff
TYPE	Board Developed Course Category B
DURATION	2 years
UNIT VALUE	2 unit Preliminary 2 unit HSC
SPECIALISATION	No: AUR20716 Yes: AUR20516 (120 hours 2U x 1yr)
HSC EXAM	Yes
ATAR	Yes
WORKPLACEMENT	Mandatory 70 hours
RECOGNITION	National AQF and HSC Qualification
SBAT	Opportunity to complete a School Based Apprenticeships or a Traineeship and gain credit towards the HSC
ENTRY REQUIREMENTS	There are no formal entry requirements for this qualification
COURSE FEES	A course fee is generally charged by schools to cover consumable materials. Your school will provide further
RESOURCES REQUIRED	Work boots or leather shoes and PPE gear as directed by school
RECOGNITION OF PRIOR LEARNING	RPL is available for students who have previously gained the skills and knowledge required. Your school will provide further information.

UNITS OF COMPETENCY

• Follow environmental and sustainability best practice in an automotive workplace	AURAE002
• Communicate effectively in an automotive workplace	AURAF003
• Resolve routine problems in an automotive workplace	AURAF004
• Follow safe working practices in an automotive workplace	AURASA002
• Identify automotive electrical systems and components	AURETR003
• Identify automotive mechanical systems & components	AURLTA001
• Use & maintain workplace tools and equipment	AURTTK002
• Inspect and service cooling systems	AURTTC001
• Inspect and service engines	AURTTE004
SBAT STUDENTS (AUR20516) WILL UNDERTAKE UNITS INDICATED IN GREY	
• Carry out basic vehicle servicing operations	AURTTA027
• Carry out servicing operations	AURTTA004
• Inspect, test and service batteries	AURETR015
• Test, charge and replace batteries and jump-start vehicles	AURETR025
• Construct and test basic electronic circuits	AURETR048
• Test and Repair Basic Electrical Circuits	AURETR025

ASSESSMENT

This course is competency based and the student's performance is assessed against prescribed industry standards. Assessment methods may include:

- Observation
- Student Demonstration
- Questioning
- Written tasks
- Portfolio or Project

PERSONAL REQUIREMENTS

This course would suit students who...

- Enjoy practical and manual activities
- Able to work with hand tools
- Aptitude for technical activities
- Problem-solving skills
- Able to cope with the physical demands of the job
- Normal eyesight and hearing
- Drivers licence essential

CAREER PATHWAYS

The Certificate II in Automotive Vocational Preparation (and Certificate II in Automotive Servicing Technology) prepares students to undertake work in the broader automotive industry.

JOB ROLES

- Trades assistant
- Vehicle service assistant
- Automotive service assistant
- Trainee serviceperson
- Automotive trainee.

DUTIES & TASKS OF AN AUTOMOTIVE MECHANIC

Light vehicle motor mechanics may perform the following tasks:

- Discuss problems with car drivers or vehicle operators to discover faults
- Listen to engines, fit and operate special test equipment, and test-drive vehicles
- Repair or replace worn or faulty parts by removing assemblies such as engines, transmissions, differentials or steering gear systems; dismantling them and checking parts, referring to manuals as necessary
- Reassemble, test, clean and adjust repaired or replaced parts or assemblies, using various instruments to make sure they are working properly and putting them back into the vehicle
- Tune engines using special electronic equipment and make fine adjustments (to carburettors, for example) for smoother running
- Carry out minor body and trim repairs
- Diagnose, repair and replace engine management and fuel injection components
- Use oxy, electric, tig and mig welders
- Test and repair electrical systems such as lighting, instrumentation, ignition and electronic fuel injection
- Inspect vehicles and issue roadworthiness certificates or list the work required before a certificate can be issued.

FURTHER STUDY

Apprenticeship, for example in

- Certificate III in Automotive Engine Reconditioning
- Certificate III in Automotive Underbody Technology
- Certificate III in Automotive Alternate Fuel Technology
- Certificate III in Motorsport Technology
- Certificate III in Automotive Tyre Management

SBAT students would also be eligible for:

- Certificate III in Light Vehicle Mechanical Technology
- Certificate III in Heavy Commercial Vehicle Mechanical Technology
- Certificate III in Automotive Diesel Fuel Technology

For further information: <http://www.myskills.gov.au/>



AUTOMOTIVE



FOR MORE INFORMATION CONTACT:
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