



# AUR30420 Certificate III in Agricultural Mechanical Technology



## Course Information

This course is an Australian Automotive Apprenticeship and is for those who work in the Agricultural Mechanisation Repair Industry.

The Agricultural Mechanical Repair Industry provides its workers with a rewarding career opportunity due to the various types of vehicles and equipment, the businesses and agencies that use them and the areas in which they operate. The industry uses some of the most up to date technology available and the repair techniques and tools and equipment used provides workers with a vast array of knowledge and experience.

During the course you will develop your knowledge and skills in servicing and mechanical repairs, electrical testing, diagnostic techniques, engine management systems and precision agriculture and network communication systems. You will be given the opportunity to learn on some of the most up to date vehicles on the market, using the latest

tools and computerised diagnostic equipment.

In the workplace you will apply your knowledge and skills to safely repair and service engines, transmissions, drive and drivelines, steering and suspension systems, pneumatic and hydraulic systems, mobile plant braking systems, fuel injection and electrical circuits, engine management and vehicle dynamic control systems.

Successful completion of this apprenticeship will qualify you as a Agricultural Mechanisation Repair tradesperson and will enable you to continue your career in the industry as a technician, supervisor or business owner.

You will then be able to apply your skills and knowledge in the industry completing vehicle safety and roadworthy inspections, repairs, advanced diagnostic tasks and have the opportunity to further your learning in automotive air conditioning, welding and other post-trade courses whilst getting ready for the electrification revolution.

### Entrance requirements

This course is an apprenticeship and involves full time work with an employer who provides you an opportunity to learn all aspects of the role. Full-Time Apprentices are signed up for 4 years however this package is competency based meaning some apprentices may complete in less time. Students signed into a School-Based Apprenticeship arrangement may be signed up for a longer duration as agreed upon with their employer and apprenticeship provider.

Each student will undertake a Pre-Training Review before enrolling to help confirm the proposed course is suitable. It will provide valuable information about an individual's existing skills and knowledge, Language, Literacy and Numeracy skills and whether the course will help in achieving learning and/or employment goals.

### Fees & Charges

This qualification is directly aligned with priority industry areas where jobs are today, and into the future. As part of the state government Lower Fees, Local Skills program, through to 31 December 2025 you'll only pay half the tuition fees capped at \$1200 or \$400 if you're aged 15 - 24 or eligible for a concession. Note: You will pay half price for the tuition fees on the Lower Fees, Local Skills qualifications, however other fees may apply such as resource fees that are specific to your course.

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## Qualification Outline

### Year 1

- AURACA101 Respond to customer needs & enquiries in an auto workplace
- AURAEA002 Follow environmental and sustainability best practices
- AURAF103 Communicate effectively in an automotive workplace
- AURASA102 Follow safe working practices in an automotive workplace
- AURETR112 Test and repair basic electrical circuits
- AURETR125 Test, charge and replace batteries and jump-start vehicles
- AURKTA005 Inspect, service and repair track type drive and support systems
- AURTTA104 Carry out servicing operations
- AURTTA105 Select and use bearings, seals, gaskets, sealants and adhesives
- AURTTB101 Inspect and service braking systems
- AURTTE104 Inspect and service engines
- AURTTF102 Inspect and service diesel fuel injection systems
- AURTTK102 Use and maintain tools and equipment in an automotive workplace

### Year 2

- AURETR129 Diagnose and repair charging systems
- AURETR130 Diagnose and repair starting systems
- AURETR132 Diagnose and repair automotive electrical systems
- AURHTE102 Diagnose and repair heavy vehicle compression ignition engines
- AURKTA002 Inspect, service and repair crop harvesting equipment

### Course fees

Based on the Qualification outline above, the course fees for Concession and Non-Concession students are as follows.

### Important information

The Lower Fees, Local Skills (half price) discount and fee caps have already been applied to the course fees above.

Note: Fee caps only apply to the calendar year, so multi-semester courses across more than one calendar year may have a higher fee. Lower Fees, Local Skills are available to residents of Western Australia, and temporary residents holding certain visa types. They are not available for people living outside of Western Australia, or international students. Full eligibility details are available via the Lower Fees, Local Skills link on the relevant qualification page on our website.

\*Fee disclaimers The fees quoted are estimates only and are for the entire course for students enrolling on a full-time basis in 2023 and include all units required to gain this qualification. If you're a continuing student and have successfully completed a lower-level qualification that is a prerequisite for this course, you'll only pay for the units that you need to enrol in.

- AURKTA003 Inspect, service and repair crop planting and seeding equipment
- AURKTA004 Inspect, service and repair spraying and spreading equipment
- AURKTA010 Inspect, service & repair hay cutting, raking and baling equipment
- AURTTA118 Develop and carry out diagnostic test strategies
- AURTTC103 Diagnose and repair cooling systems

### Year 3

- AURHTQ103 Diagnose and repair heavy vehicle drive shafts
- AURKTB101 Diagnose and repair mobile plant braking systems
- AURKTD102 Diagnose and repair mobile plant steering systems
- AURKTQ101 Diagnose and repair mobile plant final drive assemblies
- AURKTX101 Diagnose and repair powershift transmissions
- AURKTX104 Diagnose and repair continuously variable transmissions
- AURTTX106 Diagnose and repair hydrostatic transmissions

### Year 4

- AURETR121 Diagnose, repair & replace heavy vehicle electronic management, monitoring & tracking systems
- AURETR124 Diagnose and repair CI engine management systems
- AURHTF102 Diagnose and repair heavy vehicle diesel fuel injection systems
- AURHTZ101 Diagnose and repair heavy vehicle emission control systems
- AURKTA111 Diagnose and repair mobile plant hydraulic systems
- AURTTF105 Diagnose and repair engine forced-induction systems

	Tuition Fee*	Resource Fee	Total Course Fee
Concession	\$489.60*	\$1368.75	\$1858.35
Non-Concession	\$1652.40*	\$1368.75	\$3021.15

### For more information, please contact us:

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