



STUDY AN AUSTRALIAN RECOGNISED QUALIFICATION

Become a qualified automotive electrical mechanic and ignite your career in Automotive.

This qualification prepares you for a career in the automotive electrical service and repair industry. You will learn how to inspect, diagnose, and repair automotive electrical systems, leading to an occupation such as an Automotive Electrical Technician.

Utilise your passion for cars and launch yourself into a career in Automotive Electrical Technology, performing maintenance and repair on automotive electrical systems in vehicles to achieve successful customer outcomes.

**START YOUR CAREER
TODAY!**



REACH
COMMUNITY COLLEGE
RTO: 40747 | CRICOS: 03904B

AUR30320
**CERTIFICATE III
IN AUTOMOTIVE
ELECTRICAL
TECHNOLOGY**

AUR30320 CERTIFICATE III IN AUTOMOTIVE ELECTRICAL TECHNOLOGY

Total number of Units: 32

Core Units: 21

Elective Units: 11

Duration: 52 weeks (46 weeks tuition + 6 weeks break)

CORE UNITS

UNIT CODE	UNIT TITLE
AURASA102	Follow safe working practices in an automotive workplace
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURETR112	Test and repair basic electrical circuits
AURETR009	Install vehicle lighting and wiring systems
AURETR125	Test, charge and replace batteries and jump-start vehicles
AURETR129	Diagnose and repair charging systems
AURETR130	Diagnose and repair starting systems
AURTTA118	Develop and carry out diagnostic test strategies
AURETR131	Diagnose and repair ignition systems
AURETR123	Diagnose and repair spark ignition engine management systems
AURETR124	Diagnose and repair compression ignition engine management systems
AURETR006	Solder electrical wiring and circuits
AURTTE104	Inspect and service engines
AURETK002	Use and maintain electrical test equipment in an automotive workplace
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems
AURETR010	Repair wiring harnesses and looms
AURETR027	Install ancillary electronic systems and components
AURETR128	Diagnose and repair instruments and warning systems
AURETR132	Diagnose and repair automotive electrical systems
AURETR135	Apply knowledge of petrol and diesel engine operation
AURETR143	Diagnose and repair electronic body management systems

ELECTIVE UNITS

UNIT CODE	UNIT TITLE
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURAF103	Communicate effectively in an automotive workplace
AURTTA104	Carry out servicing operations
AURLTE102	Diagnose and repair light vehicle engines
AURLTD104	Diagnose and repair light vehicle steering systems
AURLTD105	Diagnose and repair light vehicle suspension systems
AURTTA121	Diagnose complex system faults
AURTTTR101	Diagnose complex faults in engine management systems
AURTTC103	Diagnose and repair cooling systems
AURTTB101	Inspect and service braking systems
AURTTTF101	Inspect and service petrol fuel systems

This qualification will only fulfil the academic requirements, not a licensed trade qualification.

For more detailed course information, including entry requirements, please visit the individual course page on our website reachcollege.edu.au

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Qualification delivered by

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