



**TecNQ**

Training • Education • Careers

Tec-NQ Ltd RTO # 31444

# RTO REPORT

**2024 VET IN SCHOOL  
OPTIONS**

**Jennifer Trybula**  
RTO Manager (Executive)

**TRAINING  
OPERATIONS**

**CURRICULUM  
DEVELOPMENT**

**Tec-NQ is seeking employer feedback regarding an alternative VET in Schools qualification to replace AUR20705 Certificate II in Automotive Vocational Preparation which offers limited mechanical skill building and credit transfer to Certificate III progression.**

**AUR20705 was designed to be delivered by school regulated RTO's. As an ASQA regulated RTO, Tec-NQ has the capacity to deliver VET in Schools qualifications that are better aligned with apprenticeship-level qualifications and occupational outcomes supported by industry.**

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### **PROPOSED PRE-APPRENTICESHIP QUALIFICATIONS**

The following pre-apprenticeship qualifications are under consideration for Tec-NQ's senior school automotive pathway. They have been selected for their progression towards traineeship and Certificate III outcomes, future skill demand and potential occupational outcomes.

**1) AUR21820 - Certificate II in Automotive Steering and Suspension System Technology**

**Occupational Outcome -  
Pre-apprenticeship Qualification Only**

**2) AUR20420 - Certificate II in Automotive Electrical Technology**

**Occupational Outcome –  
Automotive Electrical Serviceperson**

Job summary:

This qualification reflects the role of individuals who perform a range of tasks relating to installing, assembling and servicing electrical components and systems of motor vehicles in the automotive electrical installation, service and repair technology sector.

**3) AUR20220 - Certificate II in Automotive Air Conditioning Technology**

**Occupational Outcome –  
Automotive Mechanical Serviceperson (Air Conditioning)**

Job summary:

This qualification reflects the role of individuals who perform a range of tasks relating to servicing and repairing air conditioning components and systems of cars and heavy vehicles in an automotive service and repair business.

**AUR21820 - CERTIFICATE II IN AUTOMOTIVE STEERING AND SUSPENSION SYSTEM TECHNOLOGY**

TOTAL UNITS:	11
CREDIT TRANSFER (LV):	10
TRAINEESHIP:	No

<b>CORE UNITS</b>	
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURATA001	Identify basic automotive faults using troubleshooting processes
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTK102	Use and maintain tools and equipment in an automotive workplace
<b>ELECTIVES</b>	
AURLTD106	Carry out light vehicle wheel alignment operations
AURTTA104	Carry out servicing operations
AURTTB101	Inspect and service braking systems
AURTTC001	Inspect and service cooling systems

Pros: Broad scope of mechanical skill building. Credit transfers 10 out of 36 units in Light Vehicle. Most units are already within scope and developed.

Cons: No occupational outcome for student upon completion of Certificate II qualification. Lacks electrical content.

## AUR20420 - CERTIFICATE II IN AUTOMOTIVE ELECTRICAL TECHNOLOGY

TOTAL UNITS:	16
CREDIT TRANSFER (LV):	9
TRAINEESHIP:	YES

<b>CORE UNITS</b>	
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURETK002	Use and maintain electrical test equipment in an automotive workplace
AURETR006	Solder electrical wiring and circuits
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems
AURETR008	Remove and replace electrical units and assemblies
AURETR009	Install vehicle lighting and wiring systems
AURETR011	Install basic ancillary electrical systems and components
AURETR112	Test and repair basic electrical circuits
AURETR115	Inspect, test and service batteries
<b>ELECTIVES</b>	
AURTTA104	Carry out servicing operations
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTB101	Inspect and service braking systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems

Pros: Foundational automotive electrical skill building. Credit transfers 9 out of 36 units in Light Vehicle. Future focused. Defined occupational outcome upon completion of Certificate II.

Cons: Limited general mechanical skill building. Theoretical units may be academically challenging for the aptitude level of students. Requires upskilling of facilitation staff and unit development internally.

## AUR20220 - CERTIFICATE II IN AUTOMOTIVE AIR CONDITIONING TECHNOLOGY

TOTAL UNITS:	13
CREDIT TRANSFER (LV):	11
TRAINEESHIP:	YES

<b>CORE UNITS</b>	
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURETR112	Test and repair basic electrical circuits
AURETU103	Service air conditioning and HVAC systems
AURETU104	Diagnose and repair air conditioning and HVAC components
AURTTA118	Develop and carry out diagnostic test strategies

<b>ELECTIVES</b>	
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTA104	Carry out servicing operations
AURETR006	Solder electrical wiring and circuits
AURETU102	Recover vehicle refrigerants
AURTTB101	Inspect and service braking systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems

Pros: Specialised skillset in demand regionally. Good range of mechanical skill building. Credit transfers 11 out of 36 units in Light Vehicle. Most units are already within scope and developed. Defined occupational outcome upon completion of Certificate II.

Cons: Qualification title could be misleading in regard to scope of skills delivered.

NOTE: Students will require a [Trainee \(Classroom\) license](#) from Arctick to participate in training that requires a person to handle refrigerant. [2023 application fee is \\$35.](#)

## INDUSTRY FEEDBACK

What skills do you expect students from Tec-NQ to gain from their Certificate II pre-apprenticeship qualification?

Which of the current / proposed qualifications best meets the needs of your business? Please rate them in order of preference and exclude qualifications that do not meet your business needs.

Are any of the current / proposed qualifications unsuitable for your business?

Are there essential core skills for work that are missing from any of the current / proposed qualifications?

Additional feedback.

FOR REFERENCE

## AUR20520 - CERTIFICATE II IN AUTOMOTIVE SERVICING TECHNOLOGY

TOTAL UNITS:	20
CREDIT TRANSFER (LV):	15
TRAINEESHIP	YES

<b>CORE UNITS</b>	
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURATA001	Identify basic automotive faults using troubleshooting processes
AURETR115	Inspect, test and service batteries
AURITA104	Carry out servicing operations
AURITB101	Inspect and service braking systems
AURITC001	Inspect and service cooling systems
AURITD002	Inspect and service steering systems
AURITD004	Inspect and service suspension systems
AURITE104	Inspect and service engines
AURITK102	Use and maintain workplace tools and equipment
AURITQ001	Inspect and service final drive assemblies
AURITQ103	Inspect and service drive shafts
<b>ELECTIVES</b>	
AURAF103	Communicate effectively in an automotive workplace*
AURETR112	Test and repair basic electrical circuits*
AURETR125	Test, charge and replace batteries and jump-start vehicles*
AURITF101	Inspect and service petrol fuel systems*
AURITF102	Inspect and service diesel fuel injection systems*
AURITX002	Inspect and service manual transmissions

Pros: Well rounded range of mechanical skill building. Credit transfers 15 out of 36 units in Light Vehicle. Units are already within scope and developed. Defined occupational outcome upon completion of Certificate II.

Cons: As advised below.

*The Light Vehicle Industry Reference Groups feedback is clear around this qualification not being delivered in schools. With 20 UOC it moves students into the 3<sup>rd</sup> year of their apprenticeship. This creates IR issues for industry/employers and disadvantages participants trying to transition into an apprenticeship. Removal of funding for VETiS is the MTA Queensland recommendation to rectify this problem. There are many alternate qualifications that would suit an automotive service person without creating the above-mentioned issues.*

For your information, the automotive industry highly recommends the use of the AUR20720 Certificate II in Automotive Vocational Preparation qualification as its preferred VETiS program, which I understand is still funded through the VETiS program.



## AUR20720 - CERTIFICATE II IN AUTOMOTIVE VOCATIONAL PREPARATION

TOTAL UNITS:	12
CREDIT TRANSFER (LV):	5
TRAINEESHIP:	NO

<b>CORE UNITS</b>	
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURAF103	Communicate effectively in an automotive workplace
AURAF104	Resolve routine problems in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURETR103	Identify automotive electrical systems and components
AURLTA101	Identify automotive mechanical systems and components
AURTTK102	Use and maintain workplace tools and equipment

<b>ELECTIVES</b>	
AURAF105	Write routine texts in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURETR115	Inspect, test and service batteries
AURTTA104	Carry out servicing operations
AURETR112	Test and repair basic electrical circuits

Pros: Introductory mechanical skill building. Credit transfers 5 out of 36 units in Light Vehicle. Most units are already within scope and developed.

Cons: Minimal credit transfer to Certificate III. Minimal hands-on requirements. No occupational outcome.

NOTE: Preferred qualification of school regulated RTO's.