

AUR20220 Certificate II in Automotive Air Conditioning Technology



Course information

This highly practical course is for individuals who are required to perform a range of tasks relating to the service, diagnosis and repair of automotive air conditioning systems on cars, heavy vehicles, plant and agricultural machinery.

The air conditioning component is delivered over two days, where you will learn the principles of operation of air conditioning and HVAC systems and refrigerant handling safety. You will get practical hands-on experience servicing and repairing air conditioning systems as well as spending time covering system diagnostic techniques using our purpose-built training aids and comprehensive selection of air conditioning tools and equipment.

Entrance requirements

To qualify for this course delivery, **you must hold** an Australian automotive trade qualification or equivalent, be an apprentice with the following units, or be working in the motor industry and have considerable experience.

Once enrolled **you must apply and pay for** a trainee (classroom) refrigerant handling licence from ARC - the Australian Refrigeration Council. This needs to be approved before attending, we can assist you with the application.

Course outline - There are 13 units that make up the qualification.

The air conditioning units that are covered during the two (2) days:

- AURETU102 Recover vehicle refrigerants
- AURETU103 Service air conditioning & HVAC systems
- AURETU104 Diagnose & repair air conditioning and HVAC systems

The below units need to be covered by credit transfer (CT) or recognition of prior learning* (RPL):

Core – must have all four (4)

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| AURAEA002 Follow environmental and sustainability best practice in an automotive workplace | AURETR112 Test & repair basic electrical circuits |
| AURASA102 Follow safe working practices in an automotive workplace | AURTTA118 Develop & carry out diagnostic test strategies |

Electives - need six (6)

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| AURACA101 Respond to customer needs and enquiries in an automotive workplace | AURTTA009 Carry out mechanical pre-repair operations |
| AURFAA002 Read and respond to automotive workplace information | AURTTA104 Carry out servicing operations |
| AURFAA103 Communicate effectively in an automotive workplace environment | AURTTA103 Diagnose & repair cooling systems |
| AURTTK102 Use & maintain tools & equipment in an automotive workplace | AURTTA104 Inspect & service engines |

Options - can swap up to three (3) electives

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| AURETR125 Test, charge & replace batteries & jump-start vehicles | AURETR132 Diagnose & repair automotive electrical systems |
| AURTTA105 Select and use bearings, seals, gaskets, sealants and adhesives | AURTTA006 Inspect and service hydraulic systems |
| AURTTK001 Use and maintain measuring equipment in an automotive workplace | |

Fees & Charges

The cost of the course is \$1300 GST-exempt which includes: training, assessing, course notes, lunch and refreshments.

*If RPL is required, a fee of \$50 per unit applies (maximum \$500 for all 10 units).

This payment covers the RPL assessment, including an interview with one of our trainers prior to the course.

For more information, please contact us:

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