AUR20212 Certificate II in Automotive Air Conditioning Technology

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# Modification History

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| --- | --- |
| Release | Comment |
| Release 1 | Replaces AUR20705 Certificate II in Automotive Mechanical |

# Description

This qualification covers the skills and knowledge required to perform a range of tasks related to servicing and repairing air conditioning components and systems of cars and heavy vehicles within an automotive service and repair business.

Job roles and employment outcomes

The Certificate II in Automotive Air Conditioning Technology is intended to prepare new employees or recognise and develop existing workers who are performing servicing and repair of air conditioning components/systems of vehicles in an automotive service or repair business.

Job roles related to this qualification include:

* automotive specialist – air conditioning

Application

This qualification is typically used to develop employees or recognise and develop existing workers who are performing vehicle service and repair functions in an automotive environment.

They would be expected to perform a range of mechanical operations involving known routines, methods and procedures and take some accountability for the quality of outcomes.

This qualification is suitable for an Australian Apprenticeship pathway.

# Pathways Information

Pathways into the qualification

Credit may be granted towards this qualification by those who have completed AUR10112 Certificate I in Automotive Vocational Preparation or other relevant qualifications.

Pathways from the qualification

Further training pathways from this qualification include AUR30612 Certificate III in Automotive Light Vehicle Mechanical Technology, AUR30312 Certificate III in Automotive Electrical Technology or other relevant qualifications.

# Licensing/Regulatory Information

Some jurisdictions may require this qualification for licensing purposes. In addition some units in this qualification may have licensing or regulatory requirements, depending on the work context. Local regulations should be checked for details.

# Entry Requirements

This qualification may be accessed by direct entry.

# Employability Skills Summary

| EMPLOYABILITY SKILLS QUALIFICATION SUMMARY | |
| --- | --- |
| The following table contains a summary of the employability skills as identified by the automotive industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options. | |
| Employability Skill | Industry/enterprise requirements for this qualification include: |
| Communication | * Understanding and carrying out verbal instructions from supervisors and others * Reading, understanding and completing workplace documentation, forms and records * Sharing work-related information with other team members using industry terminology * Communicating with people from a range of social, cultural and ethnic backgrounds |
| Teamwork | * Contributing positively to the work team environment * Working effectively with others in a socially diverse environment * Respecting and understanding the views of others * Giving, receiving and acting upon feedback * Identifying and describing own role and role of others |
| Problem solving | * Recognising a problem or a potential problem within a vehicle component/system servicing environment * Seeking information and assistance to solve problems outside own area of responsibility * Solving problems within own area of responsibility |
| Initiative and enterprise | * Suggesting ideas for workplace improvement to supervisors and team members * Positively adapting to changes in workplace procedures and making adjustments to improve own performance * Taking positive action to report hazards or risk situations to supervisors |
| Planning and organising | * Planning daily work tasks to work safely and manage risks according to workplace procedures * Prioritising activities to achieve required outcomes * Planning and organising appropriate equipment and materials * Planning ahead to anticipate problems with availability of equipment, materials and personnel to assist |
| Self-management | * Following workplace safety requirements and other policies and procedures * Completing known delegated tasks on time * Selecting and using appropriate equipment, materials, processes and procedures * Asking for advice and assistance when appropriate |
| Learning | * Identifying personal strengths and weaknesses * Acting upon feedback and accepting opportunities to learn to improve work performance * Asking questions to gain information and identify sources of information to expand knowledge and understanding |
| Technology | * Appropriately selecting and using tools and equipment * Recognising and reporting faulty equipment * Using information and communication technology |

# Packaging Rules

To be awarded this qualification, competency must be demonstrated in 13 units of competency, consisting of:

* 7 core units

plus

* 6 elective units of which:
* up to 6 elective units may be chosen from the elective units listed below
* up to 3 elective units may be chosen from a Certificate I qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

Core units

| Unit code | Unit title |
| --- | --- |
| Common - Environment | |
| AURAEA2002 | Apply environmental and sustainability best practice in an automotive workplace |
| Common - Health and Safety | |
| AURASA2002 | Apply safe working practices in an automotive workplace |
| Electrical - Technical - Electrical and Electronic | |
| AURETR2012 | Test and repair basic electrical circuits |
| Electrical - Technical - Air Conditioning and HVAC | |
| AURETU2003 | Service air conditioning and HVAC systems |
| AURETU3004 | Diagnose and repair air conditioning and HVAC systems |
| AURETU3005 | Retrofit and modify air conditioning and HVAC systems |
| Mechanical Miscellaneous - Technical | |
| AURTTA3018 | Carry out diagnostic procedures |

Elective units

| Unit Code | Unit Title |
| --- | --- |
| Common - Sales and Marketing | |
| AURACA2001 | Establish relations with customers |
| Common - Foundation Skills | |
| AURAFA2001 | Use numbers in an automotive workplace |
| AURAFA2002 | Read in an automotive workplace |
| AURAFA2003 | Communicate effectively in an automotive workplace |
| Electrical - Technical - Electrical and Electronic | |
| AURETR2006 | Carry out soldering of electrical wiring and circuits |
| AURETR2011 | Install and test basic ancillary electrical components |
| Electrical - Technical - Air Conditioning and HVAC | |
| AURETU2001 | Install air conditioning systems |
| AURETU4007 | Overhaul air conditioning system components |
| Mechanical Miscellaneous - Technical | |
| AURTTA2004 | Carry out servicing operations |
| AURTTA2009 | Carry out pre-repair operations (mechanical) |
| Mechanical Miscellaneous - Technical - Cooling Systems | |
| AURTTC3003 | Diagnose and repair cooling systems |
| Mechanical Miscellaneous - Technical - Engines | |
| AURTTE2004 | Inspect and service engines |
| Mechanical Miscellaneous - Technical - Tools and Equipment | |
| AURTTK2002 | Use and maintain workplace tools and equipment |
| Vehicle body - Technical | |
| AURVTA2001 | Prepare vehicle, components and equipment for customer use |

# Custom Content Section

Not applicable.