

# HLTAID015 Provide advanced resuscitation and oxygen therapy course description



<p><b>About this unit of competency</b></p>	<p><b>Description of Provide advanced resuscitation and oxygen therapy course:</b>                  This unit describes the skills and knowledge required to use specialised equipment in the provision of resuscitation and oxygen therapy in line with the Australian Resuscitation Council (ARC) guidelines.</p> <p>This unit applies to persons who may be required to use specialised equipment to provide resuscitation or oxygen therapy in a range of complex situations, including community and workplace settings.</p> <p><b>Applicable Industries:</b></p> <ul style="list-style-type: none"> <li>• Emergency responders</li> <li>• Mining</li> <li>• Construction</li> <li>• Many more</li> </ul>
<p><b>Training Program</b></p>	<p>This Provide advanced resuscitation and oxygen therapy course is delivered as a 1 day (7 hours plus breaks) face to face course plus online pre course work.                  It is a requirement of those who attend this training to hold a current HLTAID011 Provide First Aid certificate which must be provided prior to attendance.</p> <p>Options for this training include conducting the session as a 2-day face to face program with Pre course work, covering content for both Provide First aid and the Provide advanced resuscitation and oxygen therapy.</p> <p>We offer 8 weekly public attendance first aid courses at our Mayfield West training centre or we can come to your workplace.</p> <p><i>If your organisation is interested in a private / in-house booking to have this course delivered to a group of staff, please <a href="#">contact our head office</a> to discuss booking options. The delivery can be programmed to fit in with your staff and company schedule, at your venue or ours.</i></p>
<p><b>Assessment requirements</b></p>	<p><b><u>Physical Requirements:</u></b>                  It is important to note that this CPR element of this course requires a level of physical ability to complete practical assessments. All students are required to perform 2 minutes of CPR on an adult manikin and baby manikin on the floor. If your health or fitness will not allow you to demonstrate this, you will not be awarded a nationally accredited certificate for HLTAID015 Provide advanced resuscitation and oxygen therapy. We can however issue a non-accredited certificate of attendance for Provide advanced resuscitation and oxygen therapy.</p> <p><b><u>Language Skills:</u></b>                  All students must be able to demonstrate an accurate verbal report which would be given to emergency services and workplace supervisor.</p>
<p><b>Payment options</b></p>	<p>In order to secure your seat in the course, payment must be made at the time of enrolment.                  We offer the follow payment options to students our public courses:</p> <ul style="list-style-type: none"> <li>• Credit card</li> <li>• EFT</li> <li>• Cash</li> </ul>
<p><b>Language, Literacy &amp; Numeracy requirements</b></p>	<p>This first aid course combines plain English, videos, photos, and questioning to ensure all learners are able to have the best possible chance at comprehending the required knowledge and developing first skills that will be needed in an emergency. If you believe you will need assistance due to your Language, Literacy or Numeracy skills, please <a href="#">contact our head office</a> before enrolling to discuss your training needs.</p>

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<b>Identification</b>	All students must bring ID with them to the training course. Photo ID is the minimum requirement (e.g. Drivers Licence, Passport or similar).
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<b>Delivery and Assessments</b>	<p>Students complete online pre course work (time taken will depend on the individuals previous skills and knowledge) then attend a 7 hour face to face program (excluding breaks) in Provide Advanced resuscitation to demonstrate their knowledge and skill with an approved assessor. A summative assessment is conducted and recorded at this time.</p> <p>Learners will be assessed on the following topic areas</p> <p>Skills:</p> <ul style="list-style-type: none"><li>• Managed, in line with ARC guidelines, the unconscious, breathing casualty including appropriate positioning to reduce the risk of airway compromise</li><li>• Managed, in line with ARC guidelines, the unconscious, non-breathing adult including:<ul style="list-style-type: none"><li>○ Performing at least 2 minutes of uninterrupted single rescuer cardiopulmonary resuscitation (CPR) (5 cycles of both compressions and ventilations) on an adult resuscitation manikin placed on the floor</li><li>○ Performing at least 2 minutes of bag-valve-mask (with oxygen) ventilation and at least 2 minutes of compression during a two-rescuer procedure on an adult resuscitation manikin placed on the floor</li><li>○ Selecting and inserting an appropriate basic airway adjunct</li><li>○ Responding appropriately using positioning and suctioning in the event of regurgitation or vomiting</li><li>○ Demonstrating a rotation of operators with minimal interruptions to compressions</li><li>○ Following the prompts of an Automated External Defibrillator (AED) to deliver at least one shock</li><li>○ Managing oxygen equipment appropriately</li><li>○ Handing over to emergency services</li></ul></li><li>• Managed, in line with ARC guidelines, the unconscious, non-breathing infant, including:<ul style="list-style-type: none"><li>○ Performing at least 2 minutes of uninterrupted single rescuer CPR (5 cycles both compressions and ventilations) on an infant resuscitation manikin placed on a firm surface</li></ul></li><li>• Managed a casualty with life-threatening bleeding requiring use of tourniquets and haemostatic dressings.</li><li>• Used personal protective equipment (PPE) as required</li><li>• Managed a conscious casualty who requires supplemental oxygen, including:<ul style="list-style-type: none"><li>○ Assessing vital signs respirations, pulse, oxygen saturation</li><li>○ Level of consciousness</li><li>○ Selecting and preparing correct oxygen equipment</li><li>○ Checking area for ventilation and sources of ignition</li><li>○ Administering oxygen safely at correct flow rate</li><li>○ Managing an equipment malfunction</li><li>○ Providing an accurate verbal and written report of the incident</li><li>○ Reviewing the incident</li></ul></li><li>• Monitored and coordinated maintenance of resuscitation equipment and oxygen therapy equipment, including:<ul style="list-style-type: none"><li>○ Dismantling</li><li>○ Storage</li><li>○ Disposal</li><li>○ Cleaning and decontamination</li><li>○ Checking and diagnosis of faults.</li></ul></li></ul> <p>Knowledge topics:</p> <ul style="list-style-type: none"><li>• Guidelines and procedures including:<ul style="list-style-type: none"><li>○ ARC guidelines relevant to life threatening bleeding, managing the unconscious breathing and non-breathing casualty and provision of CPR and oxygen therapy</li></ul></li></ul>
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- Potential incident hazards and risk minimisation processes when providing first aid, including Oxygen Therapy and Advanced Resuscitation Techniques
- Infection control procedures, including use of standard precautions and resuscitation barrier devices
- Safe work practices to deal with oxygen cylinders and associated equipment
- First aid codes of practice
- Appropriate workplace or site procedures relevant to the provision of first aid
- Contents of first aid kits
- Requirements for currency of skill and knowledge
- Legal, workplace and community considerations, including:
  - Duty of care requirements
  - Own skills and limitations
  - Consent and how it relates to the conscious and unconscious casualty
  - Privacy and confidentiality requirements
  - Awareness of potential need for stress management techniques and available support for rescuers
- In relation to the administration of oxygen:
  - Legal requirements
  - The five rights
  - The responsibilities of the first aider
- Considerations when providing resuscitation, including:
  - Upper airway and effect of positional change
  - Appropriate duration and cessation of CPR
  - Appropriate use of an AED
  - Safety and maintenance procedures for an AED
  - Chain of survival
  - How to access emergency services
  - Use of suction devices
  - Benefits, contraindications and complications with the use of a basic airway adjunct
- Techniques for providing CPR to adults, children and infants including:
  - How to recognise that a casualty is unconscious and not breathing normally
  - Rate, ratio and depth of compressions and ventilations
  - Correct hand positioning for compressions
  - Basic anatomy, physiology and the differences between adults, children and infants relating to CPR
- Assessment and interpretation of vital signs including normal clinical values for respirations, pulse, oxygen saturation
- Level of consciousness
- How to use a suction device
- Signs, symptoms and management of life-threatening bleeding including use of tourniquets and haemostatic dressings
- Considerations when providing oxygen to a casualty, including:
  - Circumstances and conditions where oxygen is beneficial
  - Circumstances and conditions where oxygen should not be used
  - Contraindications and complications associated with providing oxygen and suction while delivering advanced resuscitation techniques
  - Benefits, contraindications and complications of suction during advanced resuscitation
  - Complications with the use of a bag-valve-mask device and suitable strategies to minimise these
  - Selection and operation of oxygen masks and other appropriate oxygen therapy devices
- Methods for cleaning, replenishing, recharging and maintaining resuscitation and oxygen equipment including:
  - Actions to rectify problems

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	<ul style="list-style-type: none"> <li>○ Procedures to ensure operational readiness as per manufacturers' guidelines and site procedures</li> <li>○ Storage, cleaning, decontamination, and safe disposal of consumables</li> <li>○ Troubleshooting to identify minor and major faults</li> <li>● Psychological impacts of first aid incidents on rescuers and how to seek help</li> </ul>
<b>Training materials and resources</b>	<p>On the day of the training course, learners will have access to our training equipment:</p> <ul style="list-style-type: none"> <li>● Adult and infant resuscitation manikins following ARC guidelines for the purpose of assessment of CPR procedures</li> <li>● Anatomical model for use with a basic airway adjunct</li> <li>● AED training devices</li> <li>● Bag-valve-mask</li> <li>● Basic airway adjunct</li> <li>● Oxygen resuscitation system with oxygen cylinder and regulator</li> <li>● Pulse oximeter</li> <li>● Selection of oxygen masks and tubes</li> <li>● Suction devices</li> <li>● Personal protective equipment (PPE)</li> <li>● Haemostatic dressings</li> <li>● Haemostatic wound packing trainer</li> <li>● Tourniquet trainer</li> <li>● Tourniquets</li> <li>● Workplace incident, injury, trauma or illness record or other appropriate workplace or site incident report form, which includes space for recording vital signs of casualties.</li> </ul> <p>Simulated assessment environments must simulate real-life situations where these skills and knowledge would be performed, with all the relevant equipment and resources of that workplace or community environment.</p>
<b>Assessment submission process, support and outcomes</b>	<p><b>Assessment Outcomes: Competent or Not Competent</b></p> <p>For any learner who is unable to satisfactorily complete all assessment tasks, the assessor will attempt to make reasonable adjustments to the methods of assessment. If the learner is deemed not competent, they will need to re-sit the training course and additional fees will apply.</p>
<b>Recognition of Prior Learning</b>	<p>Students choosing to undertake RPL will need to be sent an RPL guide for their course.</p> <p><b>In order to be eligible for RPL, the student must demonstrate <i>currency</i> in that particular subject. I.e. a student cannot submit evidence from 5 years prior and request it be applied directly to their new competency. They must show how they have since applied those skills and that they are current.</b></p>
<b>Pre-requisites</b>	<p>HLTAID011 Provide First Aid</p>
<b>Course completion</b>	<p>Once assessed in all areas of the course and competency demonstrated, learners will be issued a Statement of Attainment for HLTAID015 Provide advanced resuscitation and oxygen therapy.</p> <p>This Unit of Competency is Nationally Recognised Training from Health Training Package and it is recommended that it is updated yearly.</p>