



# Advanced Emergency Medical Technician

incorporating

**Certificate IV in  
Pre-Hospital Emergency Medical Response  
Course Code 10734NAT**



**The only Accredited EMT program in Australia**

## *What makes this course so different ???*

This unique course is the only **Emergency Medical Technician** program accredited to the Certificate IV level in Australia and represents a quality pathway to a Pre-Hospital Care carrier for a variety of industries.

The program was designed by industry for industry and as such delivers advanced medical skills and knowledge to produce an Advanced Emergency Medical Technician (AEMT) - a cross-industry medic trained in patient assessment and pre-hospital treatment of emergency medical and traumatic conditions.

The AEMT may work in mining, emergency services, armed services, forestry, fire, diving, aviation, tourism, security, health and the event industry, to name a few.

The AEMT in the above context may be independent of an ambulance environment, but at the same time, synchronous if the need arises. In rural and isolated areas the AEMT may represent the highest level of Emergency Medical Services (EMS) initially available - they need to be well trained.

The AEMT program incorporates the highest clinical content of any program below Diploma level, and assists industry with personnel suitable for the job.

Industry needed a program that would allow the tailoring of qualifications to suit various needs - the huge range of program electives attest to this - the subject matter of many of these electives do not exist in Health Care or Diploma programs.



*Quality Prehospital Care Providers*

[www.FirstResponseAustralia.com.au](http://www.FirstResponseAustralia.com.au)

# Advanced Emergency Medical Technician

## CORE UNITS (Included in Certificate IV in Pre-Hospital Emergency Medical Response)

- \* Confirm physical health status (HLTAP401)
- \* Comply with infection control policies and procedures (HLTINF001)
- \* Work legally and ethically (CHCLEG001)
- \* Move and lift patients in a pre-hospital care setting (EMRPHC402)
- \* Undertake comprehensive assessment of a patient and document results (EMRPHC403)
- \* Provide administration of emergency medication in a pre-hospital care setting (EMRPHC404)
- \* Assess and administer emergency medical care (EMRPHC405)
- \* Provide pre-hospital trauma life support (EMRPHC406)
- \* Apply risk management processes (RIIRIS301)

## ELECTIVE UNITS (Included in Certificate IV in Pre-Hospital Emergency Medical Response)

- \* Undertake intravenous cannulation and fluid therapy (EMRPHC408)
- \* Implement the universal triage system for pre-hospital care (EMRPHC410)
- \* Undertake emergency medical airway management techniques (EMRPHC414)
- \* Utilise intrathoracic pressure regulation technology within emergency medical care (EMRPHC412)
- \* Undertake intraosseous vascular access (EMRPHC413)
- \* Provide pain management (PUAEME005)
- \* Provide emergency care for suspected spinal injury (PUAEME004)
- \* Undertake wound identification, management and closure (EMRPHC407)
- \* Apply and interpret electrocardiographs (EMRPHC411)



## ADDITIONAL UNITS (Included in our Advanced EMT program)

- \* Transport emergency patients (HLTAMB003)
- \* Transport non-emergency patients under operational conditions (HLTAMB014)

## OPTIONAL UNITS (Certificate IV in Pre-Hospital Emergency Medical Response)

- \*\* Provide emergency medical management of cyanide poisoning (EMRPHC409)
- \*\* Manage medical response presence at a special event (EMRPHC415) **NEW**
- \*\* Provide pre-hospital intermediate cardiac life support (EMRPHC416) **NEW**
- \*\* Undertake advanced control techniques for life threatening bleeding (EMRPHC417) **NEW**

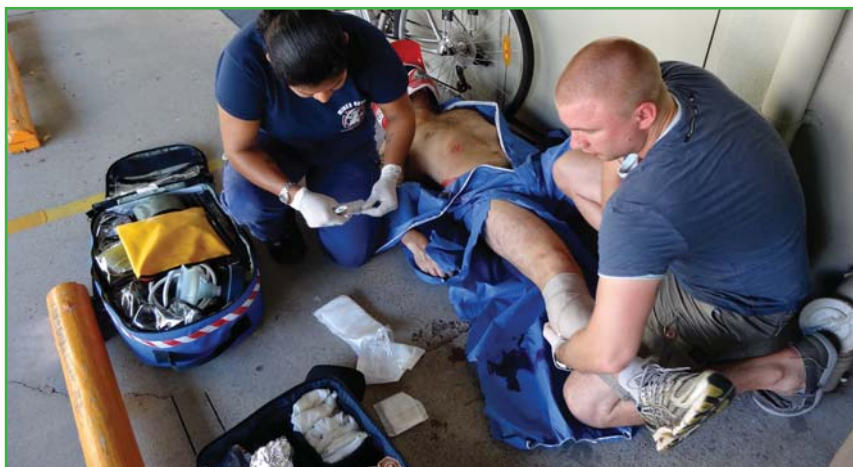
\*\* Additional units to the standard AEMT program and available to run as individual programs suited to specific client needs.



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## CONTENT

- \* Mandatory pre course assessments
- \* Anatomy and Physiology
- \* Primary & Secondary Assessments
- \* Patient Assessment and History Taking
- \* Documentation of Records & Reports
- \* Scene Size Up - Kinematics
- \* Airway - Basic
  - \* Bag Valve Mask Resuscitators
  - \* Manually Triggered Ventilators
  - \* Oro/Nasopharyngeal Airways
  - \* Oropharyngeal Suction
- \* Airway - Advanced
  - \* Supraglottic Airways
- \* Intrathoracic Pressure Regulation Technology
  - \* ResQCPR System
    - ResQPOD ITD
    - CardioPUMP (ACD-CPR)
- \* Cardiovascular Emergencies
- \* Respiratory Emergencies
- \* Cardiac Defibrillation (AEDs)
- \* Diabetes and Altered Mental States
- \* Poisoning and Overdoses
- \* Shock and Haemorrhage
  - \* ResQGARD ITD
  - \* Haemostatic Agents
  - \* Tourniquets
- \* Moving and Lifting Patients
- \* Environmental Exposure
- \* Soft Tissue Injuries
- \* Chest Injuries
- \* Pharmacology - Emergency Drug Therapy
- \* Inhaled Analgesia (Entonox/Penthrane)
- \* Emergency Medication Administration
- \* Traumatic Brain Injuries
- \* Spinal Injuries
- \* Musculoskeletal Injuries
- \* Patient Management and Immobilisation
  - \* Spinal Stabilisation & Immobilisation
  - \* Extrication Devices
  - \* Stretchers & Carrying Devices
- \* SMART Triage - Multiple Casualty Incidents
- \* Intravenous Cannulation and Fluid Therapy
- \* Intraosseous Vascular Access
- \* Communications - Complex Situations
- \* Stress Management in EMS
- \* Working with Diverse People
- \* Risk Assessment in EMS
- \* Wound Management & Closure
- \* ECG Recognition and Interpretation
- \* Ambulance Operations (Non-Emergency & Emergency Transport)
- \* Holistic Assessments



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## ADDITIONAL NEW UNITS AVAILABLE

### Provide pre-hospital intermediate cardiac life support (EMRPHC416)

This is one of our newest units which bridges the huge gap between Basic Life Support and Advanced Cardiac Life Support. The content includes but is not limited to the following:

- \* Advanced Life Support (adult and paediatrics)
- \* Pitcrew Resuscitation
- \* Advanced Airway Management (adult and paediatrics)
- \* Intrathoracic Pressure Regulation Technology
- \* Manual Defibrillation
- \* Mechanical CPR

*This unit will be of particular interest for those wishing to attain high levels of proficiency in the Cardiac Arrest situation, utilising the latest scientifically proven technology. Alos suitable for those wishing to progress to the Diploma of Paramedical Science.*



### Stop the Bleed - Undertake advanced control techniques for life threatening bleeding (EMRPHC417)

FRA has developed the only nationally accredited program for 'Stop the Bleed'. Another new unit, which is a welcomed additional to our already impressive range. The content includes but is not limited to the following:

- \* Anatomy and physiology pertaining to life threatening bleeds and shocked states
- \* Haemodynamics of forward blood flow in the hypotensive patient
- \* Use of an impedance threshold device for a spontaneously breathing hypotensive patient
- \* Indications for use of oxygen specific to shocked states
- \* Wound packing
- \* Use of haemostatic agents
- \* Types of commercial arterial tourniquets
- \* Correct use of a arterial tourniquets and duration of application



*This national accredited training unit will be of particular interest for those requiring advanced skills in bleeding control such as police, medics, security personnal and the spearfishing community.*

### Manage medical response presence at a special event (EMRPHC415)

This unit has been developed for medics involved in the management of medical response presence at large or risk prone events. The content includes but is not limited to the following:

- \* Implementing Emergency Management Plans for Events
- \* Conducting risk assessments (onsite/offsite)
- \* Implementing hazard reduction strategies in the provision of treatment
- \* Deploying medical response resources
- \* Establishing communication systems for special events
- \* Preparing prebriefs and debriefs



*This unit will be of particular interest for those in the event industry. This unit requires on the job training and is ideally suited for all owners staff of Event Emergency Medical Services.*

# Advanced Emergency Medical Technician

## Frequently Asked Questions

**Q. *Is this qualification Nationally Recognised ?***

**A.** Yes, the qualification was first accredited in 2002 after exhaustive consultation with many private industry organisations. The aim of this group was to produce the first competency based EMT program. Although a certificate IV qualification existed for the training of Ambulance Officers, the accrediting body agreed that our Certificate IV in Emergency Medical Response (EMR) was vastly different in its clinical content and context and was specifically aimed at the 'Industrial Pre-Hospital' situation. The Certificate IV EMR has remained contemporary with current clinical practises and learnings and has been constantly reviewed by the industry and medical advisors and nationally re-registered.

**Q. *How can I use this qualification?***

**A.** This qualification is highly sort after in many industries. The qualification could be used as part of a skill set, such as is required in Rescue & Fire Fighting, as an Emergency Services Officer in the resources sector, Tactical Medics or First Responders in the Tourism Industry. It may be used as a stand alone qualification in the Event Industry.

**Q. *What makes it different to other qualifications, such as the Certificate IV in Health Care ?***

**A.** The Cert IV in Health Care was originally developed to train Ambulance Officers to a base level whilst on the job. The clinical content of this training is limited to *Basic Life Support* only (roughly equivalent to an Advanced First Aider). Although, this training offered by various training organisations varies, generally the training does not include the extensive and wide range of clinical content that our AEMT program offers.

One only has to compare the competencies and content of our AEMT against others and the difference is very obvious.

**Q. *What's required to maintain and keep my qualification current ?***

**A.** First Response Australia (FRA) has developed a unique 3-4 day Professional Development program call PHERT (Pre-Hospital Emergency Resuscitation & Trauma). It is recommended that this program is completed annually to maintain, update and enhance the AEMT's skills and knowledge. As an AEMT, your first responsibility is to maintain skills and knowledge.

**Q. *Is the qualification recognised overseas ?***

**A.** Yes, this program complies with the requirements needed to fulfil International Registration for the AEMT designation through such bodies as the Australasian Registry of Emergency Medical Technicians. In fact this body can arrange work experience internationally.

**Q. *Is work experience required to gain this qualification ?***

**A.** No, the qualification was specifically designed, so upon successful completion of the program, candidates could receive their qualification and be able to apply their skills and knowledge immediately.

**Q. *Does this qualification lead to higher levels of Paramedical training such as the Diploma ?***

**A.** Yes, In fact, when graduating from FRA's unique AEMT program, only ONE unit of competency is required to be completed to attain the Diploma of Paramedical Science (HLT51015). Upon completion of the AEMT program we invite candidates to enrol for RPL to the Diploma. This involves producing evidence that satisfies the assessment requirements for HLTAMB008 - Assess and deliver standard clinical care, e.g.skills and knowledge as well as work experience requirements for this unit of competency.