



# Advanced Emergency Medical Technician

**Certificate IV in Emergency Medical Response**  
**Course Code 10367NAT**



**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. It is Stage One of First Response Australia's Diploma of Industrial Paramedicine.

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 guarantees industry are supplied 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*

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## CORE COMPETENCIES

- \* Confirm physical health status (HLTAP401B)
- \* Comply with infection control policies and procedures (HLTIN301C)
- \* Perform legally and ethically as an Emergency Medical Technician (EMRPHC401A)
- \* Move and lift patients in a pre-hospital care setting (EMRPHC402A)
- \* Undertake comprehensive assessment of a patient and document results (EMRPHC403A)
- \* Provide administration of emergency medication in a pre-hospital care setting (EMRPHC404A)
- \* Assess and administer emergency medical care to patients (EMRPHC405A)
- \* Provide pre-hospital trauma life support (EMRPHC406A)
- \* Apply risk management processes (RIIRIS301B)



## ELECTIVE and ADDITIONAL COMPETENCIES

- \* Undertake intravenous cannulation and fluid therapy (EMRPHC408A)
  - \* Implement the universal triage system for pre-hospital care (EMRPHC410A)
  - \* Undertake emergency medical airway management techniques (EMRPHC414A)
  - \* Utilise advanced circulatory technology within emergency medical care (EMRPHC412A)
  - \* Undertake intraosseous vascular access (EMRPHC413A)
  - \* Provide pain management (PUAEME005A)
  - \* Provide emergency care for suspected spinal injury (PUAEME004A)
  - \* Undertake wound identification, management and closure (EMRPHC407A)
  - \* Apply and interpret electrocardiographs (EMRPHC411A)
  - \* Transport emergency patients (HLTAMB003)
  - \* Transport non-emergency patients under operational conditions (HLTAMB014)
- \*\* Provide emergency medical management of cyanide poisoning (EMRPHC409A)

*\* These electives are incorporated into the standard AEMT program with all being 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
- \* Advanced Circulatory 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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## 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 'Industrial Paramedicine'. 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 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 (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 allow me to enrol in FRA's Diploma of Industrial Paramedicine ?**

**A.** Yes, FRA's Diploma program culminates in the candidate receiving:

1. Certificate IV in Emergency Medical Response (10367NAT)
2. Diploma of Paramedical Science (HLT51015)
3. Additional clinical units of competency relevant to the industrial paramedicine field

**In fact, when graduating from FRA's unique AEMT program, only ONE unit of competency is required to be completed to attain the Diploma.**