



# Advanced Emergency Medical Technician

incorporating

## 11208NAT Certificate IV in Pre-Hospital Emergency Medical Response



**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 career 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. In fact, this qualification provides eligibility to complete First Response Australia's unique Diploma program.

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 (RTO No. 5919)

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

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## CORE UNITS *(11208NAT Certificate IV in Pre-Hospital Emergency Medical Response)*

- \* HLTAAP002 Confirm physical health status
- \* HLTINF006 Apply basic principles and practices of infection prevention and control
- \* CHCLEG001 Work legally and ethically
- \* NAT11208001 Move and lift patients in a pre-hospital care setting
- \* NAT11208002 Undertake comprehensive assessment of a patient and document results
- \* NAT11208003 Provide administration of emergency medication in a pre-hospital care setting
- \* NAT11208004 Assess and administer emergency medical care
- \* NAT11208005 Provide pre-hospital trauma life support
- \* HLTWHS002 Follow safe work practices for direct client care

## THE FOLLOWING ELECTIVE & ADDITIONAL UNITS ARE INCLUDED IN OUR UNIQUE ADVANCED EMERGENCY MEDICAL TECHNICIAN PROGRAM

- \* NAT11208009 Implement the universal triage system for pre-hospital care
- \* NAT11208016 Undertake advanced control techniques for life threatening bleeding
- \* PUAEME008 Provide pain management
- \* PUAEME007 Provide emergency care for suspected spinal injury
- \* NAT11208010 Apply and interpret electrocardiographs
- \* NAT11208013 Undertake emergency medical airway management techniques
- \* NAT11208011 Utilise intrathoracic pressure technology within emergency medical care
- \* NAT11208012 Undertake intraosseous vascular access
- \* NAT11208007 Undertake intravenous cannulation and fluid therapy
- \* HLTOUT006 Transport emergency patients
- \* HLTOUT007 Transport non-emergency patients under operational conditions
- \* NAT11208015 Provide pre-hospital intermediate cardiac life support



## OPTIONAL UNITS *(11208NAT Certificate IV in Pre-Hospital Emergency Medical Response)*

- \*\* NAT11208006 Undertake wound assessment, management and closure
- \*\* NAT11208008 Provide emergency medical management of cyanide poisoning

*\*\* 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
  - \* Laryngoscopy (FBOA)
  - \* Magil Forceps (FBAO)
- \* Intrathoracic Pressure Regulation Technology
  - \* ResQCPR System
    - ResQPOD ITD
    - CardioPUMP (ACD-CPR)
- \* Cardiovascular Emergencies
- \* Respiratory Emergencies
- \* Cardiac Defibrillation (AED/Manual Defibrillation)
- \* 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
  - \* Intramuscular Injection
  - \* Intranasal Administration
  - \* Oral and Sublingual Administration
- \* Traumatic Brain Injuries
- \* Spinal Injuries
- \* Musculoskeletal Injuries
- \* Patient Management and Immobilisation
  - \* Spinal Stabilisation & Immobilisation
  - \* Extrinsic 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
- \* ECG Recognition and Interpretation
- \* Manual Defibrillation
- \* Pitcrew Resuscitation
- \* Mechanical CPR
- \* Ambulance Operations (Non-Emergency & Emergency Transport)
- \* Holistic Assessments



# 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 Pre-Hospital 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 in Pre-Hospital Emergency Medical Response (EMR) program has remained contemporary with current clinical practises and learnings and has been constantly reviewed by the industry, 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 is used as a stand alone qualification in the Event Industry.

**Q. What makes it different to other qualifications, such as the HLT41120 Certificate IV in Health Care ?**

- A.** The HLT41120 Certificate 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 ?**

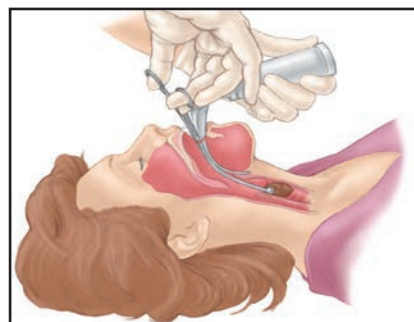
- A.** First Response Australia (FRA) has developed a unique 3-4 day Professional Development program call PHERT (Pre-Hospital Emergency Resuscitation & Trauma). It is recommended that this program is completed annually to maintain, update and enhance the AEMT's skills and knowledge. As an AEMT, your 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 on the program, candidates could receive their qualification and be able to apply their skills and knowledge immediately. The industry consultation was adamant that immediate use of skills and knowledge in the workplace was highly desirable.



# Advanced Emergency Medical Technician

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

**A.** Yes, In fact, when graduating from FRA's unique AEMT program, we invite candidates to enrol in our 6 day Diploma gap program which bridges the skills and knowledge from AEMT to HLT51020 Diploma of Emergency Health Care. Additionally the candidate is required to apply for an RPL process and produce evidence that satisfies the assessment requirements for HLTOU005 Assess and deliver standard clinical care, e.g.skills and knowledge as well as work experience requirements for this unit of competency.

**Q. What's different about First Response Australia's Diploma program ?**

**A.** The program requires approximately 150 hours of self paced pre-course study and assessments. This is followed by 6 days of intensive workshops, tutorials and assessment including the following unique content:

- \* Principles of Pathophysiology
- \* Principles of Pharmacology & Emergency Medications
- \* Pharmacokinetics & Pharmacodynamic Interactions
- \* Venous Access & Medication Administration/Calculations
- \* Airway Management, Respiration & Artificial ventilation
- \* Clinical Decision Making & Critical Thinking
- \* Cardiology
  - \* ECG Analysis & Interpretation & Monitoring
  - \* Cardiac Electrophysiology
  - \* Manual Defibrillation
  - \* Acute Coronary Syndrome Management
- \* Intermediate Cardiac Life Support
  - \* ResQCPR System (ITD / ACD CPR).
  - \* Head Up CPR
  - \* Mechanical CPR
  - \* Pitcrew Resuscitation
  - \* Advanced Life Support (Adult/Child/Infant)
- \* Laryngoscopy (Foreign Body Airway Obstruction)
  - \* Magill Forceps (Foreign Body Airway Obstruction)
- \* Medical
  - \* Diseases of the Eyes,Ears, Nose & Throat
  - \* Respiratory
  - \* Capnography
  - \* Neurology
  - \* Endocrinology
  - \* Immune System Disorders
  - \* Infectious & Communicable Diseases
  - \* Abdominal & GI Disorders
  - \* Genitourinary & Renal Disorders
  - \* Gynecology & Obstetrics
  - \* Haematology
  - \* Toxicology
  - \* Behavioural & Psychiatric Disorders
- \* Life Threatening External Bleeding
  - \* Tourniquets
  - \* Wound Packing
  - \* Haemostatic Agents
- \* Traumatic Brain Injury
- \* Advanced Spinal Injury Management
- \* Advanced Fracture Management
- \* Multi-System Trauma
- \* Abuse and Neglect
- \* Major Incident Management (Triage)
- \* Implementing Safe Access & Egress
- \* Moving and Lifting Patients
- \* Managing a Scene
- \* Ambulance Operations
- \* Holistic Scenarios

