

LEVEL 5 DIPLOMA FOR ADVANCED EMERGENCY MEDICAL TECHNICIAN

Program Description

The Level 5 Diploma for Advanced Emergency Medical Technician program is a two-year diploma degree preparing graduates for a career in pre-hospital emergency medical care in a variety of environments such as ambulance services, remote medics or off-shore medical facilities/clinics. Students will develop knowledge of anatomy & physiology, communication, ethics & professional practice and emergency medical care theory and practical covering pre-hospital trauma and medical emergencies across the life-span, up to a paramedic level. The program promotes the development of critical thinking, problem-solving, social responsibility, and a commitment to lifelong learning. The program offers students the opportunity to train in the field and experience hands-on patient care to be prepared for their professional career.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

1. Apply knowledge, psychomotor skills and technology through skills based training and simulation to provide safe, responsible and quality patient care in the pre-hospital setting at a paramedic level.
2. Use internationally aligned evidence based approaches to provide safe, responsible and quality patient care in the pre-hospital setting in accordance with the Paramedic Clinical Practice Guidelines (CPG).
3. Demonstrate effective communication, respect and accountability to manage emergency medical and trauma situations for all patient populations.
4. Demonstrate competency in technical leadership skills to be able to lead and work collaboratively within a multidisciplinary team.
5. Participate in lifelong learning as a reflective practitioner to improve clinical practice and enhance the pre-hospital emergency medical care profession.
6. Apply entrepreneurship and innovation skills to identify and contribute to potential solutions for emerging complex healthcare challenges in the pre-hospital environment.

Occupation and Industry Sector

Requirements

Completion Requirements

Students seeking the Level 5 Diploma for Advanced Emergency Medical Technician qualification must successfully complete all mandatory core courses worth 90 credits and 1200 clinical hours.

Code	Title	Credit Hours
Advanced Emergency Medical Technician Mandatory Core Courses		
Required Credits: 90		
GED 100	Develop English language skills	3
AEM 106	Apply clinical skills	4
AEM 108	Describe the fundamentals of anatomy and physiology 1	3

AEM 109	Describe the fundamentals of anatomy and physiology 2	3
AEM 110	Apply Basic CPR & First Aid	2
MDL 100	Use medical terminology for healthcare	2
MDL 110	Use effective communication in a healthcare environment	4
AEM 100	Describe ethics and professional practice in pre-hospital emergency care	3
AEM 140	Describe the fundamentals of Anatomy and Physiology 3	3
AEM 141	Describe the fundamentals of Anatomy and Physiology 4	3
AEM 103	Demonstrate Pre-hospital Emergency Medical Technician 1 (Theory)	4
AEM 104	Demonstrate pre-hospital Emergency Medical Technician I (Practice)	4
AEM 105	Use Pharmacology for Emergency Medical Technician I	4
AEM 206	Apply Emergency Medical Dispatching in Emergency Medical Services	3
AEM 200	Describe emergency care in the pre-hospital setting for paramedics	4
AEM 201	Describe Pre-hospital Pharmacology for Paramedics	4
AEM 202	Apply Disaster & MCI Response	3
AEM 203	Demonstrate emergency care in the pre-hospital setting for paramedics	4
AEM 230	Apply Clinical Practicum 1 (Amb)	4
AEM 231	Apply Clinical Practicum 2 (Hosp)	4
AEM 204	Apply obstetric and paediatric emergency management in the pre-hospital setting	4
AEM 205	Describe Obstetric & Pediatric Emergencies in the Prehospital Setting	4
AEM 207	Describe a Community Paramedicine Project	3
AEM 107	Apply pre-hospital trauma life support	3
AEM 232	Apply clinical practicum 3 (Amb)	4
AEM 233	Apply clinical practicum 4 (Hosp)	4

Description	Data
Total Required Credits	90
Program Code	DPEMT
Major Code	DMT

Ideal Study Plan

Recommended Sequence of Study

Level 5 Diploma for Advanced Emergency Medical Technician

Year 1		Credit Hours
Semester 1		
GED 100	Develop English language skills	3
AEM 106	Apply clinical skills	4
AEM 108	Describe the fundamentals of anatomy and physiology 1	3
AEM 109	Describe the fundamentals of anatomy and physiology 2	3
AEM 110	Apply Basic CPR & First Aid	2
MDL 100	Use medical terminology for healthcare	2

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MDL 110	Use effective communication in a healthcare environment	4
Credit Hours		21
Semester 2		
AEM 100	Describe ethics and professional practice in pre-hospital emergency care	3
AEM 140	Describe the fundamentals of Anatomy and Physiology 3	3
AEM 141	Describe the fundamentals of Anatomy and Physiology 4	3
AEM 103	Demonstrate Pre-hospital Emergency Medical Technician 1 (Theory)	4
AEM 104	Demonstrate pre-hospital Emergency Medical Technician I (Practice)	4
AEM 105	Use Pharmacology for Emergency Medical Technician I	4
AEM 206	Apply Emergency Medical Dispatching in Emergency Medical Services	3
Credit Hours		24
Year 2		
Semester 3		
AEM 200	Describe emergency care in the pre-hospital setting for paramedics	4
AEM 201	Describe Pre-hospital Pharmacology for Paramedics	4
AEM 202	Apply Disaster & MCI Response	3
AEM 203	Demonstrate emergency care in the pre-hospital setting for paramedics	4
AEM 230	Apply Clinical Practicum 1 (Amb)	4
AEM 231	Apply Clinical Practicum 2 (Hosp)	4
Credit Hours		23
Semester 4		
AEM 204	Apply obstetric and paediatric emergency management in the pre-hospital setting	4
AEM 205	Describe Obstetric & Pediatric Emergencies in the Prehospital Setting	4
AEM 207	Describe a Community Paramedicine Project	3
AEM 107	Apply pre-hospital trauma life support	3
AEM 232	Apply clinical practicum 3 (Amb)	4
AEM 233	Apply clinical practicum 4 (Hosp)	4
Credit Hours		22
Total Credit Hours		90