

EMERGENCY MEDICAL RESPONDER

PMA CONTINUES TO ANSWER THE NEEDS OF PRACTITIONERS WITH THE EMR PROGRAM

PROGRAM OVERVIEW

The Emergency Medical Responder is the base level of attendant on registered ambulances in the Province of Alberta. The EMR joins allied health care providers including the other levels of prehospital care, the Primary and Advanced Care Paramedic practitioners, to ensure that patient care is available to all, regardless of the size of the community where they reside. Since 1994, Professional Medical Associates has met the needs of practitioners in designing and implementing a comprehensive program that meets the needs of ambulance professionals throughout the Province.



MAJOR SKILLS

Through the course of the program, the graduate will learn various skills including safely conducting primary, secondary and scene assessments; identifying scope of practice for EMR's and providing skills as prescribed by legislation; appropriate management of medical and trauma emergencies; safe operation of an ambulance and safe driving techniques; identify equipment prescribed by legislation for an ambulance and demonstrate correct use of all equipment; utilizing oxygen and basic airway management, basic pharmacology for administration of symptom relief medications, demonstrate basic splinting techniques and appropriate management of spinal injuries including spinal motion restriction. The EMR program also includes a driving program which utilizes both didactic time, as well as a high-fidelity driving simulator. The program also includes CPR - BLS for Professionals and PHTLS courses as well as the other listed programs.

PROGRAM INCLUDES:

- ✓ **Emergency Medical Responder Certificate**
- ✓ **Fundamentals of Airway Management Program**
- ✓ **Emergency Driving course with high-fidelity driving simulator (APDOC)**
- ✓ **Prehospital Trauma Life Support**
- ✓ **Basic Cardiac Life Support - Health Care Provider**

PREREQUISITES

Applicants must be 18 years of age with class 5 drivers license (non-GDL), clear criminal record check and current CPR. Academic requirements include English 30, Math 20 and Biology 30 or equivalent with Chemistry 10 and Physics 10 recommended.

PROGRAM LENGTH

Through a combination of self-study and lecture/lab sessions, course time is approximately 400 hours. This is comprised of 120 hours of self-study and review, 100 hours of lectures and 180 hours of lab and practical/ clinical time.

PROGRAM DELIVERY

The course supplements theoretical knowledge with practical application and practice time. Small student to instructor ratios during practical sessions maximizes time for the students to develop skill proficiency.

CAREER OPPORTUNITIES

EMRs are hired in a variety of settings including ambulance services, fire departments, interfacility transfer units and industrial companies, but must be registered with the Alberta College of Paramedics to use the term EMR or Emergency Medical Responder.

PROGRAM COSTS

The cost of the program is \$5,750.00 and includes tuition, texts and manuals, the driving course, other certification courses and certificates and online access.

PROGRAM COMPLETION REQUIREMENTS

Students are assessed on an on-going basis in practical sessions as well as regular review quizzes and examinations through the online learning system. The EMR program also has a midterm examination to ensure adequate knowledge of basic information before moving to future modules. Course final examinations include both practical and theory examinations. The multiple choice examination has been designed to cover all aspects of the course and the practical examinations include simulated medical and traumatically injured patients with high-fidelity simulators. The driving course includes a combination of didactic sessions then the opportunity to reinforce the concepts through practice using the high-fidelity driving simulator and road component.

PROGRAM OUTLINE

Historical Perspective
development of EMS

Roles and Responsibilities of the EMR
EMS/Fire/Rescue partnership
medical and legal responsibilities

Scene Management
scene security

gaining access to patients
rescue procedures-basic vehicle rescue

Emergency Medical Services/Fire-Rescue Liaison

Triage and Special Situations
principles of triage
special situations

Lifting and Moving Patients
principles of moving patients
emergency patient moves
non-emergency patient moves
patient movement equipment

Patient Transportation and Ambulance Operations
transport phase to hospital
ambulance and associated equipment
ambulance driving

Medical Communications and Documentation
introduction to medical terminology
components of a history
proper reporting of information in verbal and written format

Structure and Function of the Human Body
body systems
anatomy, physiology and pathophysiology

Introduction to Patient Assessment

Primary Survey and Critical Interventions
assessment and treatment
medical documentation and communications

Prehospital Trauma Management
soft - tissue injuries
internal organ injuries
injuries to the axial and appendicular skeleton
bandaging and splinting

Prehospital Care of Medical Emergencies
cardiovascular emergencies
respiratory emergencies
abdominal and endocrine emergencies
unconscious and miscellaneous emergencies

Environmental Emergencies
heat and cold injuries
inhalation injuries and burns
water emergencies

Prehospital Obstetrical Emergencies
management of normal and abnormal delivery
care for the mother and baby after delivery
neonatal resuscitation

Total patient management
scenario practice and skill integration
simulated clinical experiences (SCE) with high fidelity simulation

Special Patients
age as a special consideration
physically challenged patients
alcohol and drug abuse
emotional and psychiatric emergencies

**For more information, please contact the office, or visit our website at www.promedics.org
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