

ADVANCED CARE PARAMEDIC PROGRAM

PMA CONTINUES TO ANSWER THE NEEDS OF PRACTITIONERS WITH THE
ADVANCED CARE PARAMEDIC (ACP) PROGRAM

PROGRAM OVERVIEW

The Professional Medical Associates' Advanced Care Paramedic Program is designed for experienced PCPs to advance their careers by learning Advanced Life Support (ALS) skills. It expands their capabilities with advanced assessment and airway skills, and the ability to administer medications through various routes, leading to improved patient care.

MAJOR SKILLS

Throughout the program, graduates will acquire skills in scene assessment, basic hazardous material identification, and the assessment and management of ill or injured patients using both basic and advanced procedures. They will also learn medication administration, advanced airway techniques, and gain the ability to work in diverse environments, including ground and air ambulances, as well as healthcare facilities. The curriculum follows the **Health Professions Act, Schedule 18 - Paramedic Profession Regulations** for Advanced Care Paramedics.



PREREQUISITES

Applicants must have completed the Primary Care Paramedic (PCP) program. To proceed to the selection process, applications must include the following documentation:

- A completed application form with current information and the application fee.
- Proof of current BLS/CPR certification, a valid driver's license, official transcripts from recognized PCP program, and a clear criminal record check, including vulnerable sectors, dated within the last 90 days.
- A personal resume and letters of recommendation from two ALS level coworkers.
- Copy of results from ACoP/COPR PCP Provincial examination
- A valid Primary Care Paramedic practice permit from the Alberta College of Paramedics.

Competency will be assessed through a practical scenario, personal interview, reference checks, MMI stations, mechanical, reading comprehension, and spatial aptitude tests, as well as completion of written examinations.

PROGRAM LENGTH AND DELIVERY

The program focuses on assessment based patient management, structured around body systems over approximately 18 months. It allows students to integrate assessment and management techniques to create comprehensive treatment plans. The program is delivered through a combination of lectures and practical sessions on a rotational schedule, enabling students to continue working while expanding their knowledge. The didactic portion spans 6 to 7 months, organized into 14 day blocks. Students attend two consecutive weeks of in person classes, including weekends, followed by two weeks in their communities to complete assignments and review materials. Practical labs are integrated into the curriculum, helping students build competence and confidence in patient assessment and management. In person sessions are held at either our St. Albert or Calgary location. Regular attendance and full participation are required throughout the program. The program concludes with extensive hospital and ambulance practicums, allowing students to apply their knowledge in real world settings. These placements are scheduled based on availability and site coordination.

PROGRAM INCLUDES:

- ✓ **Advanced Care Paramedic Diploma**
- ✓ **The Difficult Airway Course: EMS (DAC)**
- ✓ **Prehospital Trauma Life Support (Advanced)**
- ✓ **Advanced and Basic Cardiac Life Support**
- ✓ **Tactical Emergency Casualty Care (TECC)**
- ✓ **Neonatal Resuscitation Program (NRP)**
- ✓ **Pediatric Advanced Life Support (PALS)**
- ✓ **Geriatrics for Emergency Medical Services (GEMS)**
- ✓ **Advanced Medical Life Support (Advanced)**

POST-GRADUATE AFFILIATION

Graduates are eligible to take the Provincial Registration examination and apply for registration with the Alberta College of Paramedics. Additionally, graduates of the Professional Medical Associates' Advanced Care Paramedic Program can receive advanced credit (approximately 69 out of 120 credits) toward a Bachelor's degree through a partnership with Thompson Rivers University.

FEES AND EXPENSES

Cost of the Program (subject to change): \$26,500.00 Program fees cover all certification fees, required books, study manuals, equipment, and learning assessments. Additional costs for travel and lodging may apply depending on clinical rotation placement.

CAREER OPPORTUNITIES

The Advanced Care Paramedic is responsible for providing both basic and advanced life support to the ill or injured. Graduates typically work in ambulance services provided by Alberta Health Services, fire departments, private organizations, or in industrial settings. Career advancement for an ACP may include roles in administration, management, public and community relations, research and design, or instruction.

PROGRAM COMPLETION REQUIREMENTS

Students will be assessed through ongoing practical sessions, review quizzes, and multiple midterm and final examinations. Additionally, they must successfully complete a final practical examination that evaluates their ability to apply ALS knowledge, skills, and patient care decision making in simulated clinical scenario. A combined average of 85% is required, with a minimum grade of 80% in each individual course.

PROGRAM OUTLINE

PREPARATORY.....	TERM 1	Assessment and management of the Respiratory System.....	PARA 503
Roles and Responsibilities of the ACP.....	PARA 101	Pharmacology for the Respiratory System.....	PARA 504
Legal and Risk Management for the ACP.....	PARA 102	CARDIOVASCULAR EMERGENCIES.....	TERM 6
Crisis intervention and interpersonal skills.....	PARA 103	Anatomy and physiology of the Cardiovascular System.....	PARA 601
Scene Management and Rescue Operations.....	PARA 104	Pathophysiology of the Cardiovascular System.....	PARA 602
Communications.....	PARA 105	Assessment and management of the CVS.....	PARA 603
Introductory anatomy and physiology.....	PARA 106	Pharmacology for the Cardiovascular System.....	PARA 604
Patient Assessment.....	PARA 107	Advanced Cardiac Life Support Course.....	PARA 605
Airway Assessment and management.....	PARA 108	GASTROINTESTINAL AND GENITOURINARY SYSTEM.....	TERM 7
Pathophysiology of shock.....	PARA 109	Anatomy and physiology of the GI/GU system.....	PARA 701
Introductory pharmacology.....	PARA 110	Pathophysiology of the GI/GU system.....	PARA 702
Introduction to EMS Research.....	PARA 111	Assessment and management of the GI/GU system.....	PARA 703
Ambulance Practicum 1- Intermediate Practicum Rotation.....	AMB 101	OBSTETRICAL EMERGENCIES.....	TERM 8
EMERGENCIES OF THE CENTRAL NERVOUS SYSTEM.....	TERM 2	Anatomy and physiology of pregnancy.....	PARA 801
Anatomy and physiology of the central nervous system.....	PARA 201	Physiology of pregnancy.....	PARA 802
Pathophysiology of the central nervous system.....	PARA 202	Neonatal Resuscitation and NRP Program.....	PARA 803
Assessment and management of the CNS.....	PARA 203	Pharmacology of obstetrical emergencies.....	PARA 804
Pharmacology of the central nervous system.....	PARA 204	SPECIAL POPULATIONS.....	TERM 9
ENDOCRINE EMERGENCIES AND THE IMMUNE SYSTEM.....	TERM 3	Assessment and management of the Pediatric patient.....	PARA 901
Anatomy and physiology of endocrine and immune.....	PARA 301	Pediatric Advanced Life Support Course.....	PARA 902
Pathophysiology of the endocrine and immune systems.....	PARA 302	Assessment and management of the Geriatric patient.....	PARA 903
Infectious Diseases.....	PARA 303	ENVIRONMENTAL EMERGENCIES.....	TERM 10
Assessment and management of endocrine and immune.....	PARA 304	Assessment and management of environmental.....	PARA 1001
Pharmacology of the endocrine and immune systems.....	PARA 305	Behavioral /Psychiatric Emergencies.....	PARA 1002
TRAUMA EMERGENCIES.....	TERM 4	Basic Self-Defence and Violent Patients.....	PARA 1003
Anatomy and physiology of the musculoskeletal system.....	PARA 401	Toxicology and Substance Abuse.....	PARA 1004
Pathophysiology of trauma - Shock Trauma Resuscitation.....	PARA 402	SPECIAL SITUATIONS.....	TERM 11
Assessment and management of the trauma patient.....	PARA 403	Hazardous Material assessment and management.....	PARA 1101
Prehospital Trauma Life Support Course - Advanced.....	PARA 404	Emergency Vehicle Operations.....	PARA 1102
RESPIRATORY EMERGENCIES.....	TERM 5	Aeromedical Operations Theory.....	PARA 1103
Anatomy and physiology of the Respiratory System.....	PARA 501	Hospital Practicum.....	HOSP 101
Pathophysiology of the Respiratory System.....	PARA 502	Ambulance Practicum 2 - ALS Practicum Rotation.....	AMB 102

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

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