

Primary Care Paramedicine

Provision of emergency medical services (EMS) is a unique and vital community service. Paramedics are highly skilled health care professionals who function in the realm of EMS, initiating medical treatment for individuals in crisis situations. Based on sound technical knowledge, paramedics demonstrate rational problem solving abilities and excellent decision making skills. The paramedic profession demands universal integrity, exemplary behavior, and dedication to the service of humanity. Paramedics adhere to the standards of ethical behavior, and their professional activities are characterized by honesty, empathy, conscientiousness, and reliability.

The Primary Care Paramedicine program at College of the North Atlantic provides students with the educational preparation to deliver pre-hospital care. The Primary Care Paramedicine program meets or exceeds the standards established by the Paramedic Association of Canada in its guidelines for the National Occupational Competencies Profiles for paramedicine. This is a challenging program that provides the student with both extensive classroom and clinical experiences.

Graduates of this program will be prepared as competent, skilled practitioners to provide pre-hospital patient care in accordance with the national standards for paramedics, with the associated delegated medical acts related to the respective levels of training.

OBJECTIVES

1. To provide the academic knowledge outlined in the National Occupational Competencies Profile (NOCP) for paramedicine, as outlined by the Paramedic Association of Canada.
2. To enable the student to apply the application of the academic knowledge to field practice and patient care.
3. To prepare the student to meet the competencies for the Primary Care Paramedic (PCP) as described in the NOCP at the level of PCP.
4. To prepare the graduate to meet additional competencies as required for employment as a PCP in the province of Newfoundland and Labrador.

5. To maintain a high level of professional and ethical conduct in the performance of all duties.

ACCREDITATION

This program is accredited by the Canadian Medical Association.

ENTRANCE REQUIREMENTS:

Comprehensive Arts and Science Certificate (College Transition program) with the following courses:

1. Essential English I and II (minimum 60%)
2. Math Fundamentals I and II (minimum 60%)
3. Four Science courses chosen from two of the following three combinations:
 - a. Introductory Biology I and II
 - b. Introductory Chemistry I and II
 - c. Introductory Physics I and II

Note: It is strongly recommended that all CAS students who enroll in the Primary Care Paramedicine program complete both of the Introductory Biology courses.

OR

High School Graduation Certificate with a 60% overall average in the following:

1. Language (1 credit) (minimum 60%) chosen from 3101, 3102, 3103, 3112, 3172, 3192, 4121

OR

English (2 credits) (minimum 60%) chosen from 3201, 3211, 3202, 3212, 3231, 3232, 3281, 3282, 3291, 3292

2. Mathematics (2 credits) chosen from:

Advanced: 3201, 3211, 3221, 3231, 3271, 3281, 3291, 4225 (50% minimum)

OR

Academic: 3203, 3200, 3210, 3230, 3270, 3280, 3290 (60% minimum)

OR

Mathematics (4 credits) from:

Advanced: 2205, 3205 (50% minimum in each course)
Academic: 2004 (50% minimum), 3204 (60% minimum)

3. Science (4 credits) chosen from two of:

Biology: 3201, 3211, 3231, 3271, 3281, 3291, 4221

Physics: 3204, 3214, 3274, 3284, 3294, 4224

Chemistry: 3202, 3212, 3230, 3272, 3282, 3292, 4222

CERTIFICATE

- 37 weeks
- September and March intakes - Prince Philip Drive Campus
- January intake - Bay St. George Campus

COURSES

CODE	TITLE	Cr	Le	La
Semester 1				
PA1110	Anatomy & Physiology	4	3	1
PA1130	EMS Operations/Communications	3	2	1
PA1150	Pathology of Disease/Injury	3	3	0
PA1170	Management of Disease/Injury	2	1	3
PA1310	Introductory Pharmacology	1	1	0
PA1600	Clinical and Field Practicum I	4	4	wks
Semester 2				
PA1330	Cardiology	2	1	1
PA1500	Mental Health Interventions	2	1	1
PA1350	Special Considerations	3	2	1
PA1510	Special Populations	2	1	1
PA1390	Advanced Therapeutics	2	1	1
PA1410	Interagency Relations	2	1	1
PA1610	Clinical and Field Practicum II	6	6	wks
Semester 3 (Intersession)				
PA1620	Clinical and Field Practicum III	7	7	wks

NOTE: Employers in land ambulance require that Paramedics have a class 04 driver's licence which can be obtained through a Provincial Motor Vehicle Registration Office.



Geology: 3203, 3213, 3223, 3273, 3283, 3293

Earth Systems: 3213, 3209

OR

Adult Basic Education (Level III) Graduation indicating completion of the academic stream with an overall 60% average including the following courses:

1. Communications (minimum of 60%) IC3211 and IC3112 plus one of IC3116 or IC3215 or IC3321 or IC3222
2. Mathematics (minimum of 60%) from one of the following sections:
 - a. Mathematics IM3212, IM3213 and IM3216
 - b. IM3219
3. Science from two of the following sections:
 - a. Biology IB3113, IB3214, IB3115, IB3316
 - b. Chemistry IH3215, IH3116, IH3117, IH3118
 - c. Physics IP3111, IP3112, IP3215, IP3216
 - d. Earth Science IS3212, IS3213, IS3214

OR

Adult Basic Education (Level III) Graduation with Degree and Technical Profile (overall 60% average) including the following courses:

1. English (minimum of 60%) 3101A, 3101B, 3101C or 3102A, 3102B, 3102C
2. Mathematics (minimum of 60%) 1104A, 1104B, 1104C, 2104A, 2104B, 2104C, 3104A, 3104B, 3104C
3. Science from two of the following sections:
 - a. Biology 1101, 2101A, 2101B, 2101C, 3101A, 3101B, 3101C
 - b. Chemistry 1102, 2102A, 2102B, 2102C, 3102A, 3102B, 3102C
 - c. Physics 1104, 2104A, 2104B, 2104C, 3104A, 3104B, 3104C

Note: It is strongly recommended that all High School / ABE students who intend to enroll in this program complete two level 3 Biology courses.

OR

Applicants who do not meet the entrance requirements and are 19 years of age or older, may be considered on an individual basis under the Mature Student Clause.

Applicants with Adult Basic Education (Level III) Graduation with a different Profile (and appropriate grades) may be eligible for admission to the program provided the appropriate selection of courses including those outlined above have been completed.

Additional entrance requirements include:

- Current CPR Certificate (Level C or HCP)
- Current First Aid Certificate (Standard)
- Class 05 Drivers License

Students must submit an official Preadmission Physical Examination and Proof of Immunization form as well as a Certificate of Conduct from the Royal Newfoundland Constabulary (RNC), the Royal Canadian Mount Police (RCMP) or local provincial/municipal force prior to registration.

CURRICULUM:

The 37-week Primary Care Paramedicine program combines lectures and laboratories with supervised clinical and field experience. The first semester (15 weeks) consists of 11 weeks didactic and 4 weeks clinical and field placements. The second semester (15 weeks) consists of 9 weeks didactic and 6 weeks clinical and field placements. The third semester (7 weeks) is devoted entirely to clinical and field placements.

CLINICAL AND FIELD PLACEMENTS:

Students will be expected to travel and incur costs associated with placements in various hospital and ambulance departments (private and hospital-based). These clinical/field placements are limited and students will be placed based on availability. Sites may include Eastern, Central, Western and Labrador - Grenfell Regional Health Authorities which includes St. John's, Carbonear, Freshwater, Placentia Bay, Clarenville, Burin, Gander, Grand Falls-Windsor, Lewisporte, Deer Lake, Corner Brook, Stephenville, Port aux Basques and St. Anthony. Other sites may be available as they are developed.