

CERTIFICATE

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

COURSES

| CODE | TITLE | Hrs/wk | | | |
|--|----------------------------------|--------|----|----|-------|
| | | | Cr | Le | La |
| Semester 1 | | | | | |
| PA1110 | Anatomy & Physiology | 4 | 3 | 1 | |
| PA1130 | EMS Operations/Communications | 3 | 2 | 1 | |
| PA1260 | Pathology of Disease/Injury | 4 | 4 | 0 | |
| PA1270 | Management of Disease/Injury | 3 | 2 | 4 | |
| 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 | |
| PA1450 | Advanced Therapeutics | 3 | 2 | 2 | |
| PA1410 | Interagency Relations | 2 | 1 | 1 | |
| PA1610 | Clinical and Field Practicum II | 6 | | | 6 wks |
| Course Lecture (Le) and Lab (La) hours per week are based on a 15 week semester. In semester 2, the Lecture and Lab hours will be adjusted to account for the clinical training component. | | | | | |
| 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.

HEALTH SCIENCES

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 extensive classroom experience as well as field and clinical learning.

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 learned 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:

Eligibility for admission to the Primary Care Paramedicine program requires the applicant to meet one of the following four academic criteria:

1. High School

- High School Graduation Certificate with a 60% overall average in the following (or equivalent):
- i. English 3201 or 3202 (minimum 60%)
 - ii. Mathematics (4 credits) chosen from:
Advanced: 2205, 3205 (50% minimum in each course)
Academic: 2204 (50% minimum), 3204 (60% minimum)
 - iii. Science (4 credits) chosen from two of:
Biology: 3201
Physics: 3204
Chemistry: 3202
Earth Systems: 3209

2. Comprehensive Arts and Science Science (CAS)

Transition

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

- i. English (minimum 60%): CM1060, CM1061
- ii. Math (minimum 60%): MA1040, MA1041
- iii. Four Science courses chosen from two of the following three combinations:
Biology: BL1020, BL1021
Chemistry: CH1030, CH1031
Physics: PH1050, PH1051

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

3. Adult Basic Education (ABE)

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

- i. English (minimum of 60%) 3101A, 3101B, 3101C or



3102A, 3102B, 3102C

ii. Mathematics (minimum of 60%) 1104A, 1104B, 1104C, 2104A, 2104B, 2104C, 3104A, 3104B, 3104C

iii. Science from two of the following sections:

Biology 1101, 2101A, 2101B, 2101C, 3101A, 3101B, 3101C

Chemistry 1102, 2102A, 2102B, 2102C, 3102A, 3102B, 3102C

Physics 1104, 2104A, 2104B, 2104C, 3104A, 3104B, 3104C

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.

4. Mature Student Status

Applicants who do not meet the entrance requirements, are 19 years of age or older, and have been out of school for at least one year may be considered on an individual basis under the Mature Student Clause

Additional entrance requirements include:

- Current CPR Certificate (Level C or HCP)
- Current First Aid Certificate (Standard)
- Class 05 Learner (Level 1) Drivers Licence (minimum)

Students meeting the entrance requirements described above are accepted on a first come first served basis. Before final acceptance is granted, additional documentation must be submitted; see the "Health Sciences Programs Admission Requirements" section of the calendar for details.

CURRICULUM:

The 37-week Primary Care Paramedicine program is an intensive program requiring full-time study. It 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 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.