

# Paramedicine–Day Option

## Certificate

### ***DIVISION OF HEALTH SCIENCES***

Paramedics provide the most advanced level of prehospital emergency patient care for critically ill and injured patients who access the emergency medical system. A Paramedic possesses the complex knowledge and skills necessary to provide compassionate, comprehensive advanced patient care in dynamic and often stressful environments.

The MassBay Paramedicine program prepares students to become members of the health care team and function as leaders in prehospital emergency care as paramedics. The program provides students with knowledge, skills, and clinical decision-making skills to manage patients of all ages with acute and critical illness.

MassBay's EMT Paramedicine Programs are accredited by the Massachusetts Department of Public Health: Office of Emergency Medical Services. The Paramedicine Program has been issued a Letter of Review from the Commission on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) and is pursuing full accreditation from CAAHEP.

Upon successful completion, a Certificate in [Paramedicine](#) will be awarded.

### **ADMISSION REQUIREMENTS**

Applicants seeking admission to health profession programs will be evaluated on an individual basis. Students seeking admission will be evaluated by GPA and total number of college-level credits completed at MassBay. Priority for admission is given to current MassBay students. Applicants must also meet all other required course prerequisites for the program. Minimum eligibility for admissions to this program includes:

- HS Diploma or GED
- MassBay Placement into Freshman English I (EN 101) or completion of Fundamentals of Composition II (EN 98) with a grade of C or higher.
- MassBay Placement into Intermediate Algebra (MA 98) or completion of Introduction to Algebra (MA 95) with a grade of C or higher.
- Successful completion of Reading Assessment Test. Refer to the Competitive Programs Admissions Requirements.
- Current Nationally Registered and/or state certified EMT required prior to enrolling in Paramedicine courses. Students who enter with NREMT EMT Certification only, must obtain MA EMT certification prior to enrolling in PM 210.
- Current CPR certification (AHA BLS, ARC Professional Rescuer, Military Training Network).

### **BACKGROUND CHECK**

- The student must complete the CORI /SORI (Criminal/Sex Offender Record Information) to authorize a search of conviction and pending criminal case information under Standard Required Level 1 by DCJIS (Department of Criminal Justice Information Services). The CORI/SORI completion process is part of the New Student Orientation. If there is a finding of criminal convictions or "open cases," the student will be ineligible to participate in the Health Sciences Program. A National County Criminal Background check will be conducted as part of the student's completion of the clinical requirements. More information is available on the [Division of Health Sciences](#) pages on the MassBay website.
- Students must have a valid, unrestricted driver's license to seek employment in the field.
- Students who do not submit the required Division of Health Sciences (DHS) health forms or other required information will have a health hold placed on their records preventing registration in any courses. Forms/information must be submitted to the DHS compliance coordinator. Refer to the DHS Student Handbook for additional information.

### **PROGRAM FOOTNOTES**

A grade of C+ (77%) or higher is required in all Paramedicine (PM) courses. A grade of C is required in all sciences courses.

Applicants to the Paramedicine program are required to attend a recent information session. Times and dates for these sessions can be located at [Information Session Schedule](#)

A complete list of the required immunizations can be found on Division of Health Sciences' web pages of the MassBay website by clicking the link, [Health and Background Check Requirements](#). Immunization requirements are in accordance with clinical site requirements and Massachusetts state law. If the student does not meet the initial published deadline, the student will not attend the clinical rotation.

***See next page for curriculum sheet***

## Paramedicine Certificate Program Curriculum

| COURSE            | COURSE TITLE                                      | CREDITS      |
|-------------------|---------------------------------------------------|--------------|
| <i>First Year</i> | <i>Fall (15-weeks)</i>                            |              |
|                   | Anatomy & Physiology Requirement*                 | 3/4          |
| PM 201            | Foundations of Paramedicine                       | 4            |
| PM 202            | Prehospital Pharmacology                          | 2            |
| PM 203            | Current Issues in Paramedicine                    | 1            |
| PM 204            | Cardiology                                        | 5            |
| PM 205            | Medical Emergencies                               | 3            |
|                   | <b>credits:</b>                                   | 18/19        |
| <i>First Year</i> | <i>Spring I (8-weeks 1st Session)</i>             |              |
| PM 206            | Trauma and Special Patient Populations            | 4            |
| PM 207            | Clinical Decision Making                          | 3            |
|                   | <b>credits:</b>                                   | 7            |
| <i>First Year</i> | <i>Spring II (8-weeks 2<sup>nd</sup> Session)</i> |              |
| PM 210*           | Emergency Care Clinical I                         | 3            |
|                   | <b>credits:</b>                                   | 3            |
| <i>First Year</i> | <i>Summer I (8-weeks)</i>                         |              |
| PM 211**          | Emergency Care Clinical II                        | 4            |
|                   | <b>credits:</b>                                   | 4            |
| <i>First Year</i> | <i>Summer II (10-weeks)</i>                       |              |
| PM 212**          | Paramedic Field Practice Capstone                 | 5            |
|                   | <b>credits:</b>                                   | 5            |
|                   | <b>Total Credits:</b>                             | <b>37/38</b> |

\*Anatomy & Physiology Requirement: Prerequisite or Corequisite in 1st semester: Anatomy and Physiology requirement - BI 113 or BI 215 or BI 217 course with a grade of C or higher fulfills this requirement.

\*\*All Paramedicine courses must be taken in sequence. The clinical and field courses (PM 210, PM 211, PM 212) must be completed within one (1) year of completing the didactic courses (PM 201, 202, 203, 204, 205, 206, 207) in accordance with MA OEMS and Program requirements.