

PROGRAM CURRICULUM



# Paramedicine– Day Option Certificate

**DIVISION OF HEALTH SCIENCES**

The Paramedicine program prepares students to become members of the health care team and function as paramedics in a variety of different settings. The philosophy and structure of this program are parallel to those of the 1998 National Standard Training Curriculum for the Paramedic. This program provides students with a working knowledge of the concepts and skills requisite to caring for patients with acute and critical illness with the respect to all body systems. Students will learn how to recognize signs and symptoms that pertain to the infant, child, adolescent, adult, and geriatric age groups. Students practice current techniques to care for all patients with acute medical problems as well as trauma situations. The curriculum combines didactic, laboratory, and clinical experience as well as a field internship to provide students with the skills required to prepare for certification and practice.

MassBay’s Paramedicine Program is accredited by the Department of Public Health: Office of Emergency Management System.

Upon successful completion, the Certificate in Paramedicine is awarded.

**ADMISSION REQUIREMENTS**

Applicants seeking admission to health profession programs will be evaluated on an individual basis. Students seeking admission to the Paramedicine program 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:

- 18 years of age at time of the Commonwealth of Massachusetts OEMS examination.
- Currently certified EMT in Massachusetts; current CPR certification.
- MassBay Placement into College Writing (WR 100) or completion of Intro to Language (LN 090).
- MassBay Placement into Introductory Algebra (MA 095) or completion of Basic Math Studies (MA 090) with a grade of C or higher.
- Successful completion of Reading Assessment Test. Refer to the Competitive Programs Admissions Requirements.

CORI (Criminal Offender Record Information) and SORI (Sexual Offender Registry Information) background checks are required prior to clinical placement and will be conducted in accordance with state regulations. CORI and SORI results are confidential.

COURSE	COURSE TITLE	CREDITS
<i>First Year Semester 1</i>		
BI 113*	Essentials of Anatomy and Physiology	3
PM 101	Foundations of Paramedicine	4
PM 102	General Pharmacology for the Paramedic	2
PM 103	Trends for the Paramedic	1
PM 104	Cardiology	5
PM 105	Medical Emergencies	3
<b>credits:</b>		<b>18</b>
<i>First Year Semester 2</i>		
PM 110	Special Care Aspects Paramedic	4
PM 111	Advanced Cardiac Life Support Provider	1
PM 112	Pediatric Advanced Life Support Provider	1
PM 113	Neonatal Advanced Life Support Provider	1
PM 210	Clinical I	2
PM 211	Clinical II	3
<b>credits:</b>		<b>12</b>
<i>First Year Summer</i>		
PM 212	Field Internship	2
<b>credits:</b>		<b>2</b>
<b>Total Credits:</b>		<b>32</b>

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 (73%) or higher is required in all Paramedicine (PM) courses. A grade of C is required in all sciences courses.

\* A combination of Anatomy and Physiology I (BI 115) and Anatomy and Physiology II (BI 116) fulfills this requirement.



PROGRAM CURRICULUM



# Paramedicine– Evening Option Certificate

**DIVISION OF HEALTH SCIENCES**

The Paramedicine program prepares students to become members of the health care team and function as paramedics in a variety of different settings. The philosophy and structure of this program are parallel to those of the 1998 National Standard Training Curriculum for the Paramedic. This program provides students with a working knowledge of the concepts and skills requisite to caring for patients with acute and critical illness with the respect to all body systems. Students will learn how to recognize signs and symptoms that pertain to the infant, child, adolescent, adult, and geriatric age groups. Students practice current techniques to care for all patients with acute medical problems as well as trauma situations. The curriculum combines didactic, laboratory, and clinical experience as well as a field internship to provide students with the skills required to prepare for certification and practice.

MassBay’s Paramedicine Program is accredited by the Department of Public Health: Office of Emergency Management System.

Upon successful completion, the Certificate in Paramedicine is awarded.

**ADMISSION REQUIREMENTS**

Applicants seeking admission to health profession programs will be evaluated on an individual basis. Students seeking admission to the Paramedicine program 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:

- 18 years of age at time of the Commonwealth of Massachusetts OEMS examination
- Currently certified EMT in Massachusetts; current CPR certification.
- MassBay Placement into College Writing (WR 100) or completion of Intro to Language (LN 090).
- MassBay Placement into Introductory Algebra (MA 095) or completion of Basic Math Studies (MA 090) with a grade of C or higher.
- Successful completion of Reading Assessment Test. Refer to the Competitive Programs Admissions Requirements.

CORI (Criminal Offender Record Information) and SORI (Sexual Offender Registry Information) background checks are required prior to clinical placement and will be conducted in accordance with state regulations. CORI and SORI results are confidential.

COURSE	COURSE TITLE	CREDITS
<i>First Year</i>		
<i>Semester 1</i>		
BI 113*	Essentials of Anatomy and Physiology	3
PM 101	Foundations of Paramedicine	4
PM 102	General Pharmacology for the Paramedic	2
PM 103	Trends for the Paramedic	1
		<b>credits:</b> 10
<i>First Year</i>		
<i>Summer</i>		
PM 104	Cardiology	5
PM 105	Medical Emergencies	3
PM 111	Advanced Cardiac Life Support Provider	1
		<b>credits:</b> 9
<i>First Year</i>		
<i>Semester 2</i>		
PM 110	Special Care Aspects Paramedic	4
PM 112	Pediatric Advanced Life Support Provider	1
PM 113	Neonatal Advanced Life Support Provider	1
PM 210	Clinical I	2
		<b>or</b>
PM 211	Clinical II	3
		<b>credits:</b> 8/9
<i>Second Year</i>		
<i>Semester 1</i>		
PM 210	Clinical I	2
		<b>or</b>
PM 211	Clinical II	3
PM 212	Field Internship	2
		<b>credits:</b> 4/5
		<b>Total Credits:</b> 32

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.

\*A combination of Anatomy and Physiology I (BI 115) and Anatomy and Physiology II (BI 116) fulfills this requirement.

