

## PROGRAM CURRICULUM

### Paramedicine— Day Option Certificate

#### DIVISION OF HEALTH SCIENCES

The Paramedicine Program prepares graduates 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 will provide the student with an opportunity to gain a working knowledge of the concepts and skills requisite to caring for patients with acute, critical illness with the respect to all body systems. The student will have the opportunity to learn how to recognize signs and symptoms that pertain to the infant, child, adolescent, adult, and geriatric age groups. The student will practice the current techniques to care for all patients with acute medical problems as well as trauma situations. The curriculum is designed to combine didactic, laboratory, and clinical experience as well as a field internship to provide the student with the skills required to prepare for certification and practice.

The Paramedicine Program is accredited by the Department of Public Health: Office of Emergency Management System

Upon completion, the Certificate in Paramedicine is awarded.

#### ADMISSION REQUIREMENTS

Applicants for admission to health professions 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 MA OEMS examination
- Certified EMT in Massachusetts
- 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 (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 & 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</i>		
<i>Semester 2</i>		
PM 110	Special Care Aspects of Paramedicine	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</i>		
<i>Summer</i>		
PM 212	Field Internship	2
		<b>credits:</b>
		<b>2</b>
		<b>Total Credits:</b>
		<b>32</b>

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

#### PROGRAM FOOTNOTES

A grade of C or higher is required in all Paramedicine (PM) courses and science courses.