

## PROGRAM CURRICULUM

### Radiologic Technology— Flex Option

#### Associate in Science

##### DIVISION OF HEALTH SCIENCES

This flexible schedule allows an opportunity for students to complete the majority of courses required for the RT program in a non-traditional, flexible, and structured manner. Graduates of the program are eligible to seek Massachusetts State Licensing and take the American Registry of Radiologic Technologists Examination.

The Radiological Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology.

Upon completion, the Associate in Science Degree in Radiologic Technology is awarded.

##### ADMISSION REQUIREMENTS

Students seeking admission to the Radiologic Technology 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:

- MassBay Placement into Freshman English I (EN 101) or completion of College Writing (WR 100) with a grade of C or higher.
- MassBay Placement into College Algebra (MA 102)/ Pre-Calculus Mathematics (MA 104) or completion of Intermediate Algebra (MA 098) 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. (Individuals who have been convicted of a felony or misdemeanor crime, or with a pending criminal case, must meet eligibility requirements of the Massachusetts State Licensing examination.)

Proof of CPR certification is required on or before the first day of the first semester and must be submitted to the Health Sciences Division. The Healthcare Provider Card (from the American Heart Association) and the Professional Rescuer Card (from American Red Cross or National Safety Council) are the only types of CPR certification that meet this requirement. Students may enroll in a Health Care Provider course through the Office of Corporate & Community Education.

##### PROGRAM FOOTNOTES

A grade of C or higher is required in all Radiologic Technology (RT) and science courses.

**Humanities Electives:** Art, Communications, Film, Foreign Language, Humanities, Literature, Music, Oral Communication, Philosophy, Photography, Sign Language, Theater Arts

**Social Science Electives:** Anthropology, Economics, Geography, Government, History, Law AND Society (LA 230), Psychology, Sociology

Competency in mathematics is a MassBay graduation requirement. Prior to graduation, students must demonstrate competency at 100-level math. This may be accomplished by an appropriate placement test score or completion of a 100-level math course (not MAC).

COURSE	COURSE TITLE	CREDITS
<i>First Year Spring Semester</i>		
BI 115*	Anatomy and Physiology I	4
RT 131	Radiographic Physics I	4
		<b>credits: 8</b>
<i>First Year Summer Session</i>		
BI 116	Anatomy and Physiology II	4
RT 213	Radiation Biology & Protection	2
		<b>credits: 6</b>
<i>Second Year Fall Semester</i>		
RT 101	Radiographic Positioning I	3
RT 111	Radiographic Technique I	3
		<b>credits: 6</b>
<i>Second Year Semester 4 (Spring)</i>		
RT 102	Radiographic Positioning II	3
RT 112	Radiographic Technique II	3
		<b>credits: 6</b>
<i>Second Year Summer Session</i>		
RT 203	Radiographic Positioning III	3
RT 214	Radiographic Technique III	2
		<b>credits: 5</b>

\*\* The following courses must also be completed by the student or satisfied by transfer prior to commencing the Clinical phase (Third Year) of this program. A student may complete some, or all of these courses prior to admission. Alternatively a student may add one or two additional courses each of the semesters above depending on specific course prerequisite and availability.

CT 100	Critical Thinking	3
CS 100	Computers AND Technology	3
EN 101	Freshman English I	3
EN 102	Freshman English II	3
	Humanities Elective	3
	Social Science Elective	3
	Humanities or Social Science Elective	3
		<b>credits: 21</b>

<i>Third Year Semester 6 (Fall)</i>		
RT 121	Clinical Education I	3
RT 221	Clinical Education IV	4
		<b>credits: 7</b>
<i>Third Year Semester 7 (Spring)</i>		
RT 122	Clinical Education II	3
RT 222	Clinical Education V	4
		<b>credits: 7</b>
<i>Third Year Summer Session</i>		
RT 123	Clinical Education III	6
RT 216	Medical AND Surgical Diseases	3
RT 217	Advanced Radiographic Technology	3
		<b>credits: 12</b>
		<b>Total Credits: 78</b>

\*Prerequisites: General Biology I (BI 101) with a grade of C or higher in the last five years.