

# Radiologic Technology –

## Flex Option

### Associate in Science

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

##### *Spring Semester Start*

The radiologic technologist provides diagnostic imaging services to patients in hospitals, clinics, private imaging centers, and medical offices. Comprehensive, rigorous, multi-faceted, and interrelated experiences in the classroom, laboratory, and clinical settings are designed to prepare the student to enter the field as a competent, compassionate professional. The successful program graduate will be capable of assuming many responsibilities including meeting each patient's needs, performing high-quality imaging exams, and assuming accountability for the patient's and their own radiation safety.

Courses are scheduled in the evening on the Framingham campus for the first two years. Clinicals occur during the day. This flexible schedule allows students to complete the majority of the 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 Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology.

#### **ADMISSION REQUIREMENTS**

Admission to the Radiologic Technology program is competitive. Students seeking admission to the Radiologic Technology Program will be evaluated by GPA and the total number of college-level credits completed at MassBay. Once the selected students have met the minimum GPA requirement, admissions is based on a core GPA ranking system. Though core sciences courses can be taken concurrently, consideration will be given to students who have already completed all core science courses as well as college-level algebra. Priority for admission is given to current MassBay students and to those applicants having the highest point rating (core GPA) of the core science classes. Applicants must also meet all other required course prerequisites for the program. Minimum eligibility for admissions to this program includes:

- High School diploma or equivalent, or Associate Degree or higher
- MassBay Placement into English Composition I (EN 101) 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 with a score of 246 or higher.

Upon acceptance into the Radiologic Technology program, students are required to attend a New Student (program-specific) Orientation. Students in the program are required to verify certain immunization and health records and submit documentation thereof by published deadlines, which are program-specific and determined by clinical rotation start dates. 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 comply 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.

Proof of Basic Life Support (BLS) CPR certification from the American Heart Association or the American Red Cross is required for this program.

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 clinical component of this 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.

More information is available on the [Radiologic Technology](#) pages on the MassBay website.

Applicants to the Radiologic Technology Program are required to attend a recent Information Session. Times and dates for these sessions can be located at [Information Session Schedule](#)

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

**PROGRAM FOOTNOTES**

**Humanities Electives:** Art, Communications, English (EN 103 or higher), ESL 101 or higher (up to 6 credits), Film, Foreign Language, Humanities, Literature, Music, Oral Communication, Philosophy, Photography, Sign Language, Theater Arts,

**Social Science Electives:** Anthropology, Economics, Geography, Government, History, Law, Psychology, Sociology

Quantitative skills are a MassBay graduation competency for associate degree programs. Prior to graduation, students must demonstrate this competency by completing a 100-level math course (not MAC); or placing into a 200-level mathematics course.

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

**Associate Degree Radiologic Technology - Flex Option Curriculum Sheet**

COURSE	COURSE TITLE	CREDITS
<i>First Year Spring Semester</i>		
BI 215*	Anatomy and Physiology I	4
RT 131	Radiographic Physics I	4
	<b>credits:</b>	8
<i>First Year Summer Session</i>		
BI 217	Anatomy and Physiology II	4
RT 213	Radiation Biology & Protection	2
	<b>credits:</b>	6
<i>Second Year Fall Semester</i>		
RT 101	Radiographic Positioning I	3
RT 111	Radiographic Technique I	3
	<b>credits:</b>	6
<i>Second Year Semester 4 (Spring)</i>		
RT 102	Radiographic Positioning II	3
RT 112	Radiographic Technique II	3
	<b>credits:</b>	6
<i>Second Year Summer Session</i>		
RT 203	Radiographic Positioning III	3
RT 214	Radiographic Technique III	2
	<b>credits:</b>	5
<i>Required Courses</i>		
CT 100**	Critical Thinking	3
CS 100**	Computers and Technology	3
EN 101**	English Composition I	3
EN 102**	English Composition II	3
	Humanities Elective**	3
	Social Science Elective**	3
	Humanities or Social Science Elective**	3
	<b>credits:</b>	21

<i>Third Year Semester 6 (Fall)</i>		
RT 121	Clinical Education I	3
RT 221	Clinical Education IV	4
	<b>credits:</b>	7
<i>Third Year Semester 7 (Spring)</i>		
RT 122	Clinical Education II	3
RT 222	Clinical Education V	4
	<b>credits:</b>	7
<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:</b>	12
	<b>Total Credits:</b>	<b>78</b>

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

\*\* These courses must be completed by the student 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.