

PROGRAM CURRICULUM

Radiologic Technology

Associate in Science

DIVISION OF HEALTH SCIENCES

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 associated with meeting each patient's needs, satisfying the requirements associated with the performance of high-quality imaging exams, and assuming accountability for the radiation safety of the patient as well as oneself. 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, Oral Communication, Philosophy, Photography, Sign Language, Theater Arts

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

COURSE	COURSE TITLE	CREDITS
<i>First Year Semester 1</i>		
BI 115*	Anatomy & Physiology I	4
CT 100	Critical Thinking	2
EN 101	Freshman English I	3
RT 101	Radiographic Positioning I	3
RT 111	Radiographic Technique I	3
RT 121	Clinical Education I	3
	credits:	18
<i>First Year Semester 2</i>		
BI 116	Anatomy & Physiology II	4
RT 102	Radiographic Positioning II	3
RT 112	Radiographic Technique II	3
RT 122	Clinical Education II	3
RT 131	Radiographic Physics	4
	credits:	17
<i>First Year Summer</i>		
RT 123	Clinical Education III	6
	credits:	6
<i>Second Year Semester 1</i>		
CS 100	Computers & Technology	3
EN 102	Freshman English II	3
RT 203	Radiographic Positioning & Lab III	3
RT 213	Radiation Biology & Protection	2
RT 214	Radiographic Technique & Lab III	2
RT 221	Clinical Education IV	4
	credits:	17
<i>Second Year Semester 2</i>		
RT 216	Medical & Surgical Diseases	3
RT 217	Advanced Radiographic Technology	3
RT 222	Clinical Education V	4
	Social Science Elective	3
	Humanities Elective	3
	Humanities or Social Science Elective	3
	credits:	19
	Total Credits:	77

*Prerequisite Biology I (BI 101) with a grade of C or higher in the last five years. Health Radiological Technology Associate

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).