

RADIOLOGIC TECHNOLOGY (A.A.S.)

APC — 0628

The Radiologic Technology program is JRCERT (Joint Review Committee on Education in Radiologic Technology) accredited program. Our most recent accreditation report reflects a 95% or more pass rate for FMCC students that take the American Registry of Radiologic Technologists (ARRT) Radiography Boards examination after graduation. Students attend internships called clinical site rotations with local hospitals for hands-on-learning.

Career Information

Radiologic Technology is a great foundation for students who desire to seek further education in related health care fields. FM graduates have pursued degrees in related fields including; Sonography, Radiation Therapy, Physician Assistant, and other imaging modalities.

Program Entrance Requirements and Application Instructions

Admission to the Radiologic Technology program is competitive. There are program entrance requirements that must be completed by the application deadline. Approximately 18-20 students will be accepted to the Radiologic Technology program each fall, based on clinical site availability.

Program Entrance Requirements

1. Proof of graduation from high school or a high school equivalency diploma (formerly known as a GED).
2. Completion of Algebra, Biology, Chemistry or Physics per description below by the application deadline. Students may fulfill these requirements by completing high school courses, college courses* or a combination of both. The most recent grade will be used to fulfill the program entrance requirements.
3. The most recent grade will be used to fulfill the program entrance requirements. Applicants who have attended more than one college, are required to submit all college transcripts. A cumulative GPA will be determined by the Registrar.

*Please note: A course syllabus/transcript, description, and grading scale must be provided for agencies other than accredited college.

<u>Entrance Requirements</u> <u>Completed Application Deadline</u>	<u>High School Classes</u>	<u>College Classes</u>
Algebra Minimum Grade: "B-" 80%	Algebra I and II OR Math A and B	MAT 120 Intermediate Algebra <i>Please note: Statistics does not fulfill this program entrance requirement.</i>
Biology with a lab Minimum Grade: "B-" 80%	Biology with a lab	SCI 135 Introduction to Biology Molecules/Cells OR SCI 136 Essentials of Anatomy & Physiology OR SCI 137 Human Biology <i>Please note: Anatomy & Physiology and Microbiology will not fulfill this program entrance requirement.</i>
Chemistry OR Physics with a lab Minimum Grade: "B-" 80%	Chemistry or Physics With a lab	SCI 170 Introduction to Chemistry OR SCI 161 Introduction to Physics I OR SCI 163 Physical Science

(Continued on next page.)

Application Instructions – Please review carefully

Step 1. Complete the Online Admission Application.

Step 2. Complete the **Radiologic Technology Application**. You will need electronic copies of your transcripts to attach as proof you fulfill all requirements. Applicants who have not completed the program entrance requirements by the application deadline, will not be reviewed. Incomplete Applications will not be processed.

Students who do not fulfill all items outlined in the Program Entrance Requirements are encouraged to begin work on these requirements by applying for the Health Studies program using the **General Application** for admission.

Step 3. Approximately, the top 40 students will be contacted to attend Communication and Experience Assessment session with Radiologic Technology faculty.

For more information visit fmcc.edu.

PROGRAM LEARNING OUTCOMES

Students will be able to:

- 1) Develop clinical competency in the performance of basic radiologic procedures.
- 2) Demonstrate problem-solving and critical thinking skills.
- 3) Cultivate and promote good communication skills, with patients, staff, and others.
- 4) Graduate students from a learning environment that encourages high ethical standards and professional development.

FIRST YEAR

RAD 101 Introduction to Radiologic Technology ..	2	RAD 102 Patient Care.....	2
RAD 110 Radiographic Procedures I	3	RAD 111 Radiographic Procedures II.....	3
RAD 120 Clinical Experience I.....	4	RAD 121 Clinical Experience II.....	4
RAD 130 Radiographic Physics I.....	3	RAD 131 Radiographic Physics II.....	3
BIO 181 Anatomy and Physiology I	4	BIO 182 Anatomy & Physiology II.....	4
	16		16

SUMMER

RAD 122 Clinical Experience III	7
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SECOND YEAR

RAD 202 Radiographic Image Analysis.....	2	RAD 211 Advanced Radiographic Procedures II....	2
RAD 210 Advanced Radiographic Procedures I....	2	RAD 212 Computed Tomography.....	1
RAD 220 Clinical Experience IV.....	6	RAD 221 Clinical Experience V.....	6
RAD 231 Radiographic Image Quality.....	2	RAD 230 Radiologic Health	3
ENG 103 English I	3	MAT 125 Introduction to Statistics.....	3
DEISJ Elective ⁶	3	ENG 104 English II <u>or</u>	
	18	ENG 127 Technical/Professional Writing	3
			18

1. Prerequisites: High School Algebra, High School Biology and either High School Chemistry or High School Physics with Lab. A grade of "B-" required for all prerequisite courses.
2. A medical examination is required annually. All students must meet the physical and emotional requirements as stated on the health form. All students must be certified in American Heart Association adult and pediatric cardiopulmonary resuscitation (CPR) prior to admission to the program.
3. To qualify for the next sequential radiology course, the student must earn a grade of "C" or higher in radiology courses, pass the clinical portion, and earn a grade of "C" or higher in BIO 181 and BIO 182.
4. **Upon admission or readmission to the Radiologic Technology program, prior FM credit or transfer credit will not be granted for college level Anatomy and Physiology I and II if the courses were taken more than seven years ago.**
5. Some courses meet at clinical hospital sites.
6. DEISJ Elective must be selected from the approved SUNY General Education DEISJ category.

A minimum of 75 credits are required to complete this program, which must include 20 credits of General Education Liberal Arts and Sciences.