



MIDDLESEX COMMUNITY COLLEGE STRATEGIES FOR SUCCESS ADVISING GUIDE: *Radiologic Technology*

The **Radiologic Technology Associate in Science degree program** is designed to prepare students for entry into a professional specialty that is an important part of the health care delivery system. Program graduates are eligible for the national certification examination of the American Registry of Radiologic Technologists, licensing in the state of Massachusetts, and immediate entry into the radiology workforce.

This advising guide includes information that will help you to explore your academic and career interests and determine whether the **Radiologic Technology major** will support your long-term goals.



EXPLORE YOUR OPTIONS WITH ACADEMIC ADVISING

Throughout each semester, meet with your advisor so that he/she can guide you through a self-exploration process that will help you identify your academic and career interests.

Beginning of Semester:

- Schedule an appointment to meet with your academic advisor during the first few weeks to discuss future plans and how a Radiologic Technology Degree can help you achieve your goals.
- Explore your personal interests by completing Focus2, an online career assessment tool: <https://www.middlesex.mass.edu/careerservices/focus2.aspx>

Mid-Semester:

- Schedule an appointment with academic advisor review your academic progress, Focus2 results and create an academic plan in Degree Works.

Before Semester Ends:

- Schedule an appointment to discuss and register for the classes you will take the following semester. (Early November for spring, Early April for fall and summer)
- Visit the Academic Career & Transfer Center or call 1-800-818-3434 to schedule an appointment.

▶ INSIDE THIS GUIDE

- **Exploring Your Options**
- **Personality Inventory**
- **Career Path**
- **Transfer Path**

RADIOLOGIC TECHNOLOGY PROGRAM OUTCOMES

- Be clinically competent;
- Engage in professional activities;
- Demonstrate effective communication skills;
- Demonstrate effective critical thinking skills;



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IS THE RADIOLOGIC TECHNOLOGY MAJOR THE RIGHT FIT FOR ME?

Think about whether you have the following personality traits and abilities that people in the **Radiologic Technology** field must possess:

■ Ability to work with people

Radiologic technologists have a high level of social interaction. They constantly talk to doctors and patients. Radiologic technologists must be able to handle patients in many different situations. They must communicate with coworkers and patients daily by telephone or in person.

■ Ability to work in a physically demanding environment

Radiologic technologists frequently use hands to manipulate mechanical and patient care equipment, such as computers, syringes and blood pressure equipment. They must be able to lift and carry 30 pounds of weight. Radiologic technologists perform duties for a prolonged period without breaks. They must have the ability to work in conditions with exposure to x-radiation and bodily fluids.

■ Ability to perceive and visualize

Radiologic technologists must be able to differentiate among subtle shades of gray used in radiographic image formation. They must have skills to respond appropriately to sounds, for example, patient voice and movements, at a normal conversational volume and to equipment signals such as sound and light from a distance of fifteen feet.

Standard/Technical Skills Notice:

The following is a list of standard and/or technical skills required for performing duties in the Radiologic Technology field. These skills are not conditions for admission to the program, but do indicate abilities and characteristics necessary for successful completion of the Radiologic Technology program, and to perform the duties of the career upon graduation.

- Lift and carry 30 pounds of weight.
- Transfer patients to and from wheelchairs, stretchers, beds or x-ray tables.
- Reach overhead to a height of six feet.
- Respond appropriately to sounds, for example, patient voice and movements, at a normal conversational volume and to equipment signals such as sound and light from a distance of fifteen feet.
- Manipulate mechanical and patient care equipment, such as dials, switches, push buttons, keyboards, syringes and blood pressure equipment.
- Perform duties for a prolonged period without breaks--typical shift of eight hours.
- Differentiate among subtle shades of gray used in radiographic image formation.
- Clearly and effectively communicate instructions and information to patients, and share information with other team members.
- Working Conditions: Possible exposure to x-radiation and possible exposure to bodily fluid.

Individuals convicted of a crime may not be eligible to take the ARRT Certification Exam or for Licensure.

In order for a student to be eligible to participate in an academic, community or clinical program that involves potential unsupervised contact with children, the disabled, the elderly, or other vulnerable populations, the student may be required to undergo a Criminal Offender Record Information (CORI) check and/or a Sex Offender Registry Information (SORI) check.

Enrolled students in the program are required to attend clinical internships 2-3 days per week and college courses 2-3 days per week.

The program runs approximately 40 hours a week during daytime only. Also included is a summer clinical internship for 40 hours a week for 10 weeks.

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THE CAREER PATH

Program graduates, following licensure and registration, are prepared for immediate entry into employment as radiographers in hospitals, clinics, physicians' offices, mobile radiography companies and industrial radiography. With additional training and or education, graduates may seek employment in computer tomography (CT), magnetic resonance imaging (MRI), ultrasonography, interventional radiography, radiation therapy and management.

Career Planning Activities:

- Work with advisor to discuss *MassTransfer*, Articulations and transfer agreements
- Visit your selected campuses in person. Every college looks good online or in a glossy photo, but you can get a better feel when you visit
- Meet with transfer counselor to identify transfer scholarships
- Research admissions requirements and deadlines at 4-year colleges and universities

MCC ADVISING RESOURCES

Career Services:

<https://www.middlesex.mass.edu/careerservices>

Transfer Services:

<https://www.middlesex.mass.edu/transfer>

MassTransfer:

<https://www.middlesex.mass.edu/transfer/masstransfer.aspx>

Financial Aid:

<https://www.middlesex.mass.edu/financialaid>

Foundation Scholarships:

<https://www.middlesex.mass.edu/foundation/scholarships>

College Board Match Maker:

<https://bigfuture.collegeboard.org/college-search>