

Health Studies: Radiologic Technology

Associate in Applied Science Degree

This program provides students with the knowledge and skills necessary to perform radiologic technologist services. The radiologic technologist is a health professional who administers ionizing radiation (X-rays) to produce images for diagnostic, therapeutic and research purposes. The radiologic technologist operates imaging equipment, provides patient care and radiation protection, positions the patients for examination, selects technical factors for image acquisition, and maintains quality control and patient records. The radiologic technologist is in demand in hospitals, physicians' offices, clinics, government, education, industry, and research.

Graduates of the AAS Health Studies: Radiologic Technology program are eligible to sit for the examination of the American Registry of Radiologic Technologists for certification and New York State licensure. Passing the credentialing exam is necessary to receive a license to practice as an entry-level radiologic technologist in New York State.

Graduates may continue their education in areas such as sonography, nuclear medicine, cardiovascular interventional services, computed tomography (CT), magnetic resonance imaging (MRI), mammography, quality assurance management, research, education, radiation therapy, bone densitometry, and positron emission tomography (PET).

The Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182; Phone 312-704-5300. The JRCERT is recognized by the United States Department of Education as the national accreditation agency of programs for radiologic technology.

Total Credit Hours: 72

First Semester

CF100 College Foundations Seminar	1.0
BI216 Human Anatomy & Physiology 1	4.0
MA110 Elementary Statistics	3.0
RT100 Patient Care I-Ethics	1.0
RT101 Fundamentals of Radiography	2.0
RT102 Radiographic Procedures-Pathology I	3.0
RT103 Clinical Education Fundamentals	3.0

Second Semester

BI217 Human Anatomy & Physiology 2	4.0
RT104 Patient Care II-Pharm & IV Therapy	1.0
RT105 Image Production & Evaluation I	2.0
RT106 Radiographic Procedures-Pathology II	3.0
RT107 Clinical Education Intermediate I	5.0

Third Semester

RT108 Clinical Education Intermediate II	8.0
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Fourth Semester

EN101 English 1: Composition	3.0
PY101 Intro General Psychology	3.0
RT109 Radiation Biology I	2.0
RT200 Advanced Procedures-Sectional Anatomy	1.0
RT201 Image Production & Evaluation II	2.0
RT202 Clinical Education Advanced	6.0

Fifth Semester

EN102 English 2:Ideas&Values Lit	3.0
RT203 Radiographic Physics	2.0
RT204 Radiation Biology II	2.0
RT205 Advanced Imaging Procedures-Pathology	1.0
RT207 Clinical Education Mastery	7.0

Admission to this program is conditional upon meeting medically required clearance of the Radiologic Technology Program essential functions.

- Students are required to meet the prerequisites prior to taking the first Radiologic Technology (RT) course. Students must have a GPA of 2.80 or greater in order to be considered for admission into the Radiologic Technology program. Students who deviate from the objectives of the Health Studies: Radiologic Technology program as outlined in the Program Student Policy Handbook and Program Student Clinical Handbook will be dismissed from the Health Studies: Radiologic Technology program and ineligible to return to the program.
- A minimum RT didactic grade of 80 or better is required, a minimum RT clinical freshman grade of 80, and a minimum RT clinical senior grade of 85 are required to remain in the Radiologic Technology program. If the student receives less than a "B" grade in the RT courses they will be dismissed from the program. Any student who has been unsuccessful in one radiology course with a grade of "C," "D," "F," or "W" will be dismissed and are not eligible to reapply to the program at MVCC. This does not include applicants who had a break in sequence due to medical leave. A minimum grade of

“C,” 70 or higher, is required in all other non-Radiologic Technology courses.

- Clinical assignments may include rotations that require travel within and outside the Utica/Rome area. A driver's license is required. Students must provide their own transportation to and from assigned healthcare agencies for clinical.
- Professional liability insurance, available through the College, is required and payable at registration.
- Students are required to purchase a photo ID to be worn at all times during clinical and laboratory classes.
- Students must follow the uniform code requirement outlined in the Radiologic Technology Student Clinical Handbook. Identified items (nametag, photo ID, uniform, hemostat, bandage scissors, and radiation monitor badge) are required for clinical sessions.
- Credit by Examination and/or Credit for Experiential Learning are not options for students who have been unsuccessful in any RT or Human Anatomy & Physiology course.
- Students may be subject to criminal background checks and/or blood screening tests at their own cost.
- Upon successful completion of the Health Studies: Radiologic Technology program and additional requirements, students may be eligible to take the American Registry of Radiologic Technologist (ARRT) Certification Examination. Graduation from the Health Studies: Radiologic Technology program does not guarantee success on credentialing exams.
- Students are responsible for fees associated with application for licensure.
- Passing the ARRT credentialing exam is necessary to receive a license to practice as an entry-level radiologic technologist in NYS.
- Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet licensure requirements for certain professions in their field. Students who have concerns about such matters are advised to contact the dean's office of their intended academic program.

Admission to the School of Health Sciences (HLTS) at Mohawk Valley Community College is a competitive, time-sensitive, and sequential process. The following are the requirements to apply for the Radiologic Technology program. Applicants also are encouraged to carefully review the MVCC Radiology Program Essential Functions displayed at <https://www.mvcc.edu/academics/health-sciences/radiologic-technology/essential-job-functions.php>.

Prerequisites:

Minimum qualifications:

High school diploma or its equivalent AND the most recent of the following:

- A current overall college GPA of 2.80 (minimum of 12 or more credits)
- High school average of 85
- Math: An SAT math score of 500 or higher OR an ACT math score of 19 or higher OR an appropriate math placement test score OR a grade of “C” or better in MVCC MA110, MA108, MA115, or comparable mathematics course taken within seven years.
- Chemistry: High school chemistry with a lab and a final grade of 75 or higher taken within seven years OR a grade of “C” or better in CH111 and CH112 or CH131 or equivalent taken within seven years.
- Biology: High school biology with a lab and a final grade of 75 or higher taken within seven years OR a grade of “C” or better in an equivalent college biology course with a lab taken within seven years.

Please note: If you have successfully completed BI216 or BI217 at MVCC with a grade of “C” or higher or completed an approved college-level Anatomy & Physiology course taken within seven years at

another college, you may be exempt from the Biology and Chemistry requirement for consideration of entry into the radiology program.

IMPORTANT NOTE: Applicants who have received a “D”, “F”, or “W” for any of the following courses at MVCC or at any other college will be ineligible to apply to the Radiologic Technology Program.

- BI216 Human Anatomy & Physiology 1
- BI217 Human Anatomy & Physiology 2
- Any Radiology course

Any student who has been unsuccessful in one radiology course or Human Anatomy & Physiology 1 and 2 will be dropped from the program. Any student who has been unsuccessful at another college/radiology program will not be eligible for admission to the radiology program.

Prerequisites can be taken at other colleges. Consult the Radiology Program Coordinator or Clinical Coordinator to find out if those classes meet the minimum criteria.

IMPORTANT NOTE: Applicants may have no more than one repeat (F, D or W) in any of the above prerequisite college courses within five years of applying to the Radiologic Technology program.

Transfer or Returning Students:

Transfer application deadline is March 1 for Fall term radiology courses and Oct. 1 for Spring term radiology courses. Transfer applicants are applicants with transfer credit for Radiology Course(s) from another college and must apply, meeting all program and prerequisite criteria, and will be considered on an individual basis.

Readmission Applicants:

Readmission only includes applicants who had a break in sequence due to medical leave. Readmission Application Deadlines: March 1 for Fall term radiology courses and Oct. 1 for Spring term radiology courses. Readmission into the Radiologic Technology Program and/or Radiology Course(s) requires approval of the Program Coordinator, and is on a space-available basis.

1. Notify Program Coordinator in writing requesting readmission indicating course and semester for which readmission is sought. Send letters to: Mary Kate LaPaglia, MAE, RT (R) (M), Academic Building 113C, 1101 Sherman Drive, Utica, NY 13501.
2. Science credits earned more than seven years prior to the start of the student's first Radiology semester will not satisfy program or prerequisite course requirements.

Applicants should refer to the Health Studies: Radiologic Technology Program webpage (<https://www.mvcc.edu/academics/health-sciences/radiologic-technology/index.php>) for more information on How to Apply to Radiologic Technology.