

Mercy Hospital St. Louis School of Radiologic Technology



In Keeping with the Mission of Mercy Hospital St. Louis, the School of Radiologic Technology strives to provide Quality Education and Development of Highly Skilled, Patient-oriented Registered Radiographers

**Mercy Hospital St. Louis
School of Radiologic Technology
615 South New Ballas Road
St. Louis, MO 63141**



The Field of Radiography

A Radiologic Technologist, also known as a Radiographer, is a professional in the medical field, specifically trained to produce various types of diagnostic radiographic images. The Radiographer renders an important service to the medical profession and contributes to the welfare of humanity by providing personal services to the community.

A radiograph, commonly labeled an x-ray, is the ultimate product of the Radiographer's work. The radiograph serves as a diagnostic tool for the physician. Accuracy and quality are imperative in attaining an optimum diagnostic study.

As with every health care professional, the radiographer's main objective is to provide excellent patient care and to maintain high standards of quality. Such an individual must be personable, flexible to change, physically agile, understanding, compassionate, and ever mindful to patient care.

Mercy Hospital St. Louis

With a heritage of healing that reaches back more than 150 years, Mercy Hospital St. Louis continues to provide distinctive services offered by a team that cares for people, not illnesses. We are the only Level I Trauma Center in St. Louis County and are ranked second in the country for integrated health care delivery by Modern Healthcare. Mercy Hospital St. Louis sponsors a two-year program for Radiographers. The school is accredited by the Joint Review Committee on Education in Radiologic Technology, which is recognized by the United States Department of Education as an independent accrediting agency. Complaints or grievances that the program is not in compliance with JRCERT standards may be directed to the accrediting agency at:

JRCERT
20 N. Wacker Drive, Suite 2850
Chicago, IL 60606-3182
Phone (312)704-5300
www.jrcert.org

The Profession

The profession of Radiography requires the ability to provide appropriate health care services. Radiographers are highly skilled professionals qualified by education to perform imaging examinations and accompanying responsibilities at the request of physicians

qualified to prescribe and/or perform radiologic procedures. The Radiographer is able to:

- Apply knowledge of anatomy, physiology, positioning and radiographic techniques to accurately demonstrate anatomical structures on a radiograph or other imaging receptor.
- Determine exposure factors to achieve optimum radiographic techniques with minimum radiation exposure to the patient
- Evaluate radiographic images for appropriate positioning and image quality
- Apply the principles of radiation protection to the patient, self and others.
- Provide patient care and comfort.
- Recognize emergency patient conditions and initiate lifesaving first aid and basic life support procedures.
- Detect equipment malfunctions, report same to proper authority, and know the safe limits of equipment operation.
- Exercise independent judgment and discretion in the technical performance of medical imaging procedures.
- Participate in radiographic quality assurance programs.
- Provide patient/public education related to radiologic procedures and radiation safety/protection.

Program Mission

In keeping with the Mission of Mercy Hospital St. Louis, the School of Radiologic Technology strives to provide quality education and development of highly skilled, patient-oriented registered radiographers.

Goals

1. To develop a radiographer who~
 - ✚ Demonstrates clinical proficiency and competence
 - ✚ Communicates effectively in the clinical setting
 - ✚ Demonstrates critical thinking and problem solving skills
 - ✚ Demonstrates professional and ethical behavior
2. To provide a quality program that meets the expectations of the graduates

Admission

It is the policy of Mercy Hospital St. Louis-School of Radiologic Technology to recruit applicants for admission without regard to race, color, creed, national origin, religion, gender, age, or disability except where such condition is a bona fide occupational qualification for the field of Radiologic Technology.

Applicants must be a graduate of an accredited high school or equivalent, maintained a 2.5 or better grade point average, and achieved a composite score on the ACT of 18 or better.

An associate (or more advanced) degree, or a completion baccalaureate degree program in Radiography is required prior to applying.

Prerequisite courses must include:

- A. Mathematics/Logical reasoning
College Algebra*
- B. Communication
English/Speech*
- C. Information Systems
Computer course
- D. Social/Behavioral Sciences
Psychology/sociology
- E. Natural sciences
Anatomy & Physiology
Biology/Chemistry
Physics

**Sections A and B are mandatory requirements. The remaining sections are suggested courses.*

A job shadow in a radiology department is also required.

Ten students are selected into the program each year. Should the applicant be accepted to enter the School of Radiologic Technology, the student must pass the routine physical and drug testing given by Mercy Corporate Health. The student must be able to perform all required technical and physical standards of a student in the Radiologic Technology Program.

Enrollment Procedure

1. Complete the application form and return with a non-refundable \$35 application fee to:
Mercy Hospital St. Louis
School of Radiologic Technology
615 South New Ballas Road
St. Louis, MO 63141
2. Forward official high school and college transcripts and ACT results to the above address.

3. Forward three letters of personal or professional reference. References from family members are not acceptable.

Applications, transcripts, reference letters, and application fees must be received by March 1st to be considered for the July class. All applicants meeting the entry requirements will be scheduled to take an entrance exam. This is typically scheduled in March. In April, the top applicants will be eligible for interviews based on academics, references and entrance exam scores. After interviews have been completed, the Admission Committee will select the top ten candidates, and notify candidates by mail.

Tuition

Tuition is \$4,725.00 per year, and is payable by year, semester, quarter or month. Upon notification of acceptance into the program, a \$100 deposit is required. This will be applied towards year I tuition.

Should the student resign or be dismissed from the program, tuition paid for a semester which has not yet begun may be refunded.

No financial assistance or federal aid is provided.

Books/Uniforms

Each student is responsible for the purchase of required textbooks and uniforms. This expense is approximately \$1,200.00.

General Information

Classes begin every July for accepted students. This is a 24-month program. Clinical rotations are scheduled throughout the entire program, including holiday weeks and summer months.

Students are provided with 7 weeks off for personal time during the 24 month program. Students will also be scheduled off for 6 national holidays each year.

Should any medical treatment be warranted while on the Medical Center premises, the student will assume responsibility for the cost, therefore, students are required to present proof of insurance coverage.

Diplomas are awarded each July at a graduation ceremony provided by Mercy Hospital St. Louis.

Students are eligible to take the national registry following successful program completion.

Curriculum

Year I

Anatomy and Physiology I/II
Patient Care and Management
Introduction to Radiologic Technology
Medical Technology
Radiation Protection and Biology
Skeletal and Visceral Positioning/Evaluation

Year II

Anatomy and Physiology III/IV
Medical Ethics and Law
Pharmacology
Principles of Radiographic Exposure
Digital Imaging
Radiation Physics
Skeletal Positioning/Evaluation
Special Procedures
Pathology
Quality Assurance
Registry review

The student is required to maintain a C average minimum in each didactic class and a B average in clinical rotation in order to proceed in the program.

This is a diploma program. No college credits are awarded. A certificate of completion is presented by the school upon completion of the program. Students spend a total of 30 - 40 hrs per week in the Radiology Department, including class and clinical time. Included in the diagnostic clinical experience are rotations through surgery and CT scan. Optional rotations are available through Radiation Therapy, MRI, Nuclear Medicine, Interventional Radiology, Cardiac Catheterization, and Ultrasound.

Graduation Requirements

To be eligible for graduation, the student must successfully complete the following:

- Certification in CPR
- Venipuncture
- Terminal competencies/evaluation
- Required clinical competencies

- Didactic and clinical courses
- Clinical rotations and objectives
- Minimum number of clock hours
- Required program evaluations
- Tuition/fees paid in full
- Returned all property belonging to the program or Medical Center

Career Opportunities

Hospitals, doctor's offices, and clinics offer opportunities for employment. Positions are also available in education, administration, research, sales, applications and other modes of imaging. Additional training or education may be necessary.

Additional Information

For additional information, please visit our website:

<http://www.mercy.net/careers/health-professional-schools>

Or contact:

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