



ST. JOHN HOSPITAL
& MEDICAL CENTER



ST. JOHN HOSPITAL
& MEDICAL CENTER

School of Radiology Technology

Course Your
Future
In Radiologic
Technology

Radiologic Technology Career Opportunities

The Bottom Line

Fact: as a radiologic technologist, you have a wealth of career opportunities available to you. Hospitals, health care facilities, physicians' offices, mobile imaging companies, industrial plants, research centers and government agencies are all in search of skilled radiologic technologists. Upon certification, and in some cases additional training and education, the career options open to you include:

- Radiologic Technologist
- Computed Tomography Technologist
- Magnetic Resonance Imaging (MRI) Technologist
- Diagnostic Medical Sonographer
- Nuclear Medicine Technologist
- Radiation Therapy Technologist
- Management/Education/Marketing
- Mammographic Technologist

Radiologic Technology

Radiography is the art and science of producing medical images of the human body's tissues, organs, bones and vessels. These images are recorded on film, displayed on a video monitor, or even captured on photographic film and videotape.

The Radiologic Technologist

The radiologic technologist plays an important role in the overall health of patients. If you have the desire and drive to learn the technical skills necessary to become a radiologic technologist, this is the program for you. Depending on your area of specialty, you may be involved in procedures such as:

- performing diagnostic imaging and other procedures which require the use of contrast agents to study organs that otherwise cannot be seen
- taking detailed cross-sectional pictures of the internal structures of the human body
- studying the body's blood vessels
- utilizing radio waves, powerful magnets and computers to create images of body parts for further analysis combining creativity and advanced technological ultrasound equipment to produce images of the body
- performing diagnostic imaging procedures to analyze both the anatomy and physiology of the human body
- treating patients with a radiation beam or "source"

Additional Information You Should Know

Health

You are included in the established health service program of the hospital. You are responsible for your own health insurance.

Liability

St. John Hospital and Medical Center provides general liability and professional liability insurance coverage for you during this program.

Books/Uniforms/Supplies

As a student, you are responsible for approximately \$450 in text books. You are responsible for all other supplies and uniforms.

Sick and Personal Days

Three days are allowed each semester (excluding spring semester, in which only two are allowed) for either sick or personal time.

Meals

If desired, meals may be purchased at reasonable rates in the hospital cafeteria and the Courtyard Restaurant.

Parking

On-site parking is available to you free of charge.

There's an Exciting Future Ahead

The constant growth in this field has created many new and exciting career opportunities. If you'd like to course your future in radiologic technology, please contact:

Program Director

School of Radiologic Technology
St. John Hospital and Medical Center
Detroit, MI 48236
Phone: 313-343-3549

The St. John Hospital and Medical Center School of Radiologic Technology

Established in 1952, we offer a two-year certificate program that meets the standards established by the American Society of Radiologic Technologists. The School is accredited by

Joint Review Committee on Education in Radiologic Technology

20 N. Wacker Drive, Suite 900
Chicago, IL 60606-2901

Graduates of the program are eligible to take a national registry examination. Our students' pass rate is consistently one of the highest in the country.

The Goals

Our program is designed to provide you with the skills and knowledge necessary to secure a future in radiologic technology. The faculty, consisting of radiographers, radiologists, physicists and other health professionals provides you with the kind of experience and preparation you need to succeed.

The Course

During the two-year, full time program you will rotate through several areas of the Department of Radiology. These rotations are designed to strengthen and supplement clinical skills. Although most of the rotations are during the day, routine afternoon rotations are required to gain experience in trauma radiography.

As a student, you will receive an extensive orientation to the hospital and to the field of radiologic technology. The curriculum includes the

following courses:

- Anatomy and Physiology
- Cross-Sectional Anatomy
- Introduction to Quality Assurance
- Medical Ethics/ Human Relations
- Medical Terminology
- Principles of Radiographic Exposure
- A Structured Competency-Based Education
- Radiation Biology
- Venipuncture
- Radiographic Procedures
- Radiation Physics
- Radiation Protection
- Radiographic Film Evaluation
- Radiographic Pathology
- Trauma Radiography
- Professionalism
- CPR

Who May Apply

To be eligible to apply to the School of Radiologic Technology, you must be a graduate of an accredited high school or possess a GED equivalent. In addition, you are required to have a minimum of one year of both biology and algebra; personal scholastic records indicating sufficient preparation and ability to undertake the program of radiologic technology. Prior to admission, you are required to pass a physical examination and meet the program's technical standards. We strongly recommend additional courses in anatomy, physiology, and college level algebra.

All applicants must provide American College Testing (ACT) scores. If you are a high school student or a graduate interested in the program and have not taken the test, contact your local high school for information about registration and test dates. To have the test results mailed directly to us, **indicate our school code number – 2047.**

How Many Students are Accepted

A maximum of 13 students enter the School of Radiologic Technology each September. Student recruitment for the St. John Hospital and Medical Center School of Radiologic Technology is nondiscriminatory with respect to age, race, color, creed, sex, physical ability or national origin.

How to Apply

Applications are distributed throughout the year. Deadline for the return of the completed application is March 1, for the class beginning the following September. Qualified candidates will be interviewed, and all factors will be reviewed by the School of Radiologic Technology Admissions Committee. The Committee makes the final selection of students.

Contact hours and course content are frequently revised to reflect current practices in radiologic technology.