

TECHNOLOGY

Radiologic technology is a clinical science in medicine devoted to all phases of patient care dealing with radiation. The field in which the radiographer works is called radiology, and the physicians in this specialty are called radiologists. In the recent past, radiology has been one of the fastest growing specialties in medicine.

The largest technical division of radiologic technology is diagnostic radiology. In this area, radiographers use diagnostic x-ray equipment to produce images, which are used by physicians in diagnosing disease. They have direct patient contact in the clinical setting and are valuable members of the health care team.

Radiologic technology offers a wide variety of routine and special procedures for examining portions of the body and is a fascinating and challenging profession. All of the clinical sites are filmless and are either Computerized or Digital Radiography.

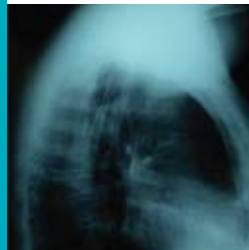
Nuclear medicine, radiation oncology and sonography are related technical divisions. These specialties require additional education in each specific program.

For more information regarding the school, please visit our web page at www.sinaigrace.org.

SCHOOL OF RADIOLOGIC TECHNOLOGY

Sinai-Grace Hospital
313-966-6866

DMC
Sinai-Grace
Hospital



Sinai-Grace Hospital
School of Radiologic Technology
6071 West Outer Drive
Detroit, MI 48235

RADIOLOGIC TECHNOLOGY

**A Rewarding
Career in a
Fast Growing
Medical
Specialty**

RADIOLOGIC

GENERAL INFORMATION

Sinai-Grace is a 400+ bed teaching hospital and offers a complete range of medical, surgical, maternity and emergency services. Services are provided to all patients regardless of race, color, religion, sex, age, handicap, national origin or ability to pay. Sinai-Grace is specially equipped to be accessible to the handicapped.

The Diagnostic Radiology Department is located on the 6th floor, with additional units in the Emergency Department and Surgical Suite. The department has a variety of routine as well as specialized equipment including angiographic, ultrasonic, mammographic, nuclear and computed tomography and magnetic resonance imaging (located at the Hospital as well as the Rose Imaging Center).

SCHOOL OF RADIOLOGIC TECHNOLOGY

Accredited by:
The Joint Review Committee on
Education in Radiologic Technology
20 N. Wacker Dr., Suite 2850
Chicago, IL 60606
(312) 704-5300

For more information regarding the school please see our webpage at sinaigrace.org.

THE CURRICULUM

The Radiography Program is approximately 40 hours per week for 24 months with scheduled breaks between semesters. It provides classroom and clinical instruction, which meet requirements of the *Standards of the Joint Review Committee on Education in Radiologic Technology*. Students spend an average of 14-16 hours a week in didactic instruction, with the remaining time in clinical rotation. Student hours are predominantly 7:30 am – 4:00 pm with some Saturdays and four weeks of clinicals on the afternoon rotations in their second year. A new class is accepted each July.

Didactic course of study includes:

- Introduction to Radiography
- Radiographic Film Processing
- Medical Ethics and Law
- Evaluation of Radiographs
- Human Structure and Function
- Radiation Physics
- Methods of Patient Care
- Medical Terminology
- Principles of Radiation Protection
- Principles of Radiographic Exposure
- Radiographic Pathology
- Radiographic Procedures
- Cross-Sectional Anatomy
- Digital Imaging
- Introduction to Quality Assurance
- Imaging Equipment

CLINICAL PRACTICUM

The Program provides a structured competency-based education. Students acquire clinical experience in all routine and special radiographic procedures through a planned sequence of clinical rotations (except mammography).

They are evaluated in each clinical area by the supervising technologists, program director and clinical instructors.

Upon completion of the Program, students are awarded a Certificate in Radiologic Technology. Graduates are eligible to take the Registry Examination given by the American Registry of Radiologic Technologists.

GRADUATION REQUIREMENTS

- 3.0 GPA in each class
- Completion of all clinical competencies
- Completion of all clinical objectives
- Completion of all didactic classes
- Completion of a final exam covering all subjects with a score of 80% or higher

FEES

Tuition

- Please see the web page at www.sinaigrace.org for updated tuition, books, and fees information. All tuition and fees except for the deposit are due on the first day of class. (MONEY ORDERS ONLY).
- \$200.00 deposit due upon acceptance (non-refundable).

Refund Policy

If a student withdraws or is terminated in the first semester one-half of tuition will be refunded.

CLINICAL SITES

Sinai-Grace has expanded the clinical sites to include Detroit Receiving Hospital, Harper University Hospital, and Children's Hospital of Michigan.

PREREQUISITES FOR ADMISSION

- ACT Exam is required (school code is #2069).
- High School graduate with educational background in mathematics and science.
- 15 college credits are required. 3 credits in Algebra, 6 credits in English (Communications), 3 credits of Anatomy & Physiology, and 3 credits in Computer Science.
- The applicant must be in good physical and mental health to meet the requirements of a physically demanding health care field. The candidate should be aware that in order to perform the duties of total patient care, the radiographer must be able to:
 - Lift more than 60 pounds routinely
 - Work with arms above head routinely
 - Push and pull routinely
 - Bend or stoop routinely
 - Work standing on feet 90% of the time
 - Work with sick and disabled patients
- Applicants must pass a physical examination provided by the Hospital and also pass a criminal background check paid for by the candidate before final acceptance into the program.
- Applicants should be at least 18 years of age.
- Prospective students may be required to spend one (1) 8-hour day observing the department if asked to interview.

APPLICATION PROCEDURE

- Applications are accepted from August 1st through December 31st for the following July class.
- A \$40.00 non-refundable application fee is due with the application.

Each applicant should provide the following:

- A completed Sinai-Grace Hospital School of Radiologic Technology application form.
- Official transcripts from all secondary and post-secondary schools.
- A written statement of your education and career goals, including why you are interested in this Program.

- Three letters of recommendation
 - One work related
 - One educational related
 - One personal
- Address all correspondence to:

Sinai-Grace Hospital
School of Radiologic Technology
6071 West Outer Drive
Detroit, MI 48235
- Selection of students shall be made by the Admissions Committee in accordance with non-discriminatory practices with respect to race, color, religion, sex, age, national origin or handicap, provided the physical requirements of the Program are met.
- Qualified candidates will be notified regarding a personal interview. All candidates will be notified as to the status of their application. Not all applicants are interviewed.
- Female candidates will be given a copy of the Pregnancy Policy at the time of interview.

SELECTION PROCESS

- The Admissions Committee reviews all applications, transcripts, ACT scores and references.
- Personal interviews are done to assess communication skills, achievements and proper use of discretion and judgment.

STUDENT OBLIGATION

- Maintains satisfactory grades – minimum 3.0 (85% or higher) average in each didactic course and clinical rotation.
- Proper attendance is expected in all clinical rotations and classes.
- Prompt arrival to all clinical and didactic classes.
- Purchase uniforms and shoes to meet the Program requirements.
- Must adhere to the Code of Conduct.

