



MEDICAL IMAGING PROGRAM MISSION AND GOALS

Mission Statement: The Emory University Medical Imaging Program seeks to develop leaders in medical imaging by fostering an environment of academic and clinical excellence. Specifically, the mission of the program is to produce well-educated, fully competent, and highly motivated medical imaging professionals who will safely perform diagnostic imaging procedures. Program graduates will also possess either advanced medical imaging skills in CT or MRI, or leadership skills in education or management.

Program Goals:

1. Students will communicate effectively in the clinical environment.
2. Students will possess the knowledge and skills of an entry level radiographer.
3. Students will develop problem solving and critical thinking skills.
4. Program graduates will fulfill the needs of the healthcare community.
5. Program graduates will participate in professional activities and continuing professional and personal growth.

Student Outcomes:

Consistent with the mission statement and program goals, the Medical Imaging Program seeks to produce graduates who are able to:

- Communicate effectively with patients, peers, and other medical professionals;
- Behave ethically and morally and ensure that the practice of radiologic technology is "humane and caring".
- Apply knowledge of anatomy, physiology, positioning, and radiographic exposure factors to accurately demonstrate anatomical structures on an imaging receptor;
- Determine exposure factors to achieve optimum radiographic quality with minimum exposure to the patient.
- Evaluate radiographic images for appropriate positioning and image quality.
- Apply the principles of radiation protection for the patient, self, and others.
- Recognize emergency patient conditions and initiate life-saving first aid and basic life-support procedures.
- Evaluate the performance of radiologic systems, identify the safe limits of equipment operation, and report malfunctions to the appropriate personnel.
- Demonstrate proficiency in the operation of digital radiologic systems (CR, DR, digital fluoroscopy, RIS, PACS).
- Demonstrate critical thinking and problem solving necessary for professional practice.
- Participate in professional activities and continuing professional and personal growth.
- Demonstrate clinical proficiency in the advanced imaging modalities of CT or MRI.*
- Demonstrate leadership skills essential for effective managerial performance.*
- Apply teaching methodologies essential for effective learning.*

** Dependent on minor area of study selected.*