

## Program Mission

The Radiologic Technology Program at Jefferson College is committed to preparing **clinically competent, educationally prepared**, caring and socially responsible medical imaging technologists by providing an accessible, quality college experience as it strives to meet the diverse needs of the students and the community.

## Program Vision

The Radiologic Technology program at Jefferson College will foster excellence in teaching and scholarly inquiry by promoting learning opportunities in cutting-edge technology, academic rigor and an open exchange of ideas so to ensure an environment which exemplifies caring and service to the community by preparing students with the attributes of responsible citizens who are committed to lifelong learning and who are critical thinkers, creative, capable and culturally sensitive practitioners. In doing so, we will provide educated students with marketable skills and expertise in current imaging technologies.

## Student Learning Goals

In order to achieve this vision, the following goals were established:

### **Goal #1 – Clinical Competence:**

The Student will demonstrate the ability to perform procedures, tasks and skills accurately while maintaining effective quality assurance and patient care.

### **Goal # 2 – Critical Thinking:**

The student will develop and use analytical and clinical decision-making skills in radiologic technology.

### **Goal # 3 – Professionalism:**

Students will model professional, ethical and legal standards while integrating the concepts of improvement of health care, scholarship in clinical practice and lifelong learning as part of their professional development.

### **Goal # 4 – Communication Skills:**

Students will demonstrate effective communication skills.

## Student Learning Outcomes:

Upon graduation:

- Students will apply positioning skills to accurately demonstrate anatomical structures within a radiographic image. Goal #1
- Students will select appropriate exposure factors to achieve optimum radiographic techniques with minimum radiation exposure to the patient. Goal #2
- Students will apply principles of radiation protection to the patient, self and others when

performing radiographic procedures. Goal #3

- Students will demonstrate patient care and comfort essential to radiographic procedures. Goal #3 & #4
- Students will operate equipment within established safe limits, assess and report equipment malfunctions and possess knowledge of quality assurance activities. Goal # 1 & # 2
- Students will demonstrate professional communication skills (verbal and nonverbal) while in the clinical setting. Goal #3 & #4
- Students will practice written communication skills. Goal # 4
- Students will demonstrate successful performance on oral presentations. Goal #4
- Students will demonstrate independent judgment and discretion in the technical performance of medical imaging procedures. Goal # 2
- Students will recognize non-routine patient conditions and initiates appropriate interventions. Goal #2
- Students will evaluate radiographic images for appropriate positioning and image quality. Goal #2
- Students will successfully complete a critical thinking assignment in a clinical education course. Goal # 2
- Students will practice the importance of continued professional development by scheduling and maintaining continuing education as a function of growth and maintenance of professional competence. Goal # 3
- Students will exhibit professional behaviors by demonstrating professional accountability, critical thinking and interpersonal skills. Goal # 3
- Students will promote the Radiologic Technology profession. Goal # 3 & #4