

Allied Health Learning Outcomes

Radiography

Goals

- To provide the regional (north central Indiana) medical community with entry-level radiographers who display professionalism
- To provide students opportunities that will allow them to communicate effectively
- To provide students opportunities that will allow them to think critically and solve problems
- To provide educational experiences that produce clinically competent individuals prepared for employment as entry-level radiographers

Outcomes

1. Students will demonstrate knowledge and practice radiation protection by applying ALARA principles and practices. Relates to Goal # 1, 3 and 4
2. Students will demonstrate professional and ethical behaviors according to the ARRT (American R of Radiologic Technologists) Code of Ethics while in the clinical education setting. Relates to program goal #'s 1 and 2.
3. Student will be able to perform basic patient care skills and assessments. Relates to program goal # 1
4. Students will be able to communicate effectively and apply interpersonal skills with patients, peers, physicians, and other vital members of the healthcare team. Relates to program goals #'s 1, 3 and 4.
5. Students will operate complex radiographic equipment to produce quality images. Relates to program goals # 1, 2 and 3.
6. Student will demonstrate positioning skills in the clinical area which allows the student to work in routine, emergency, and trauma situations while completing the procedure with speed and accuracy. Relates to program goals #'s 1 and 3.
7. Students will develop organizational and critical thinking skills to increase efficiency in the performance of radiographic examinations. Relates to program goal #'s 3 and 4.
8. Students will be able to assess the patient's condition, interpret medical data, and assist the radiologist/ physician by communicating data and assisting with procedures. Relates to program goals #'s 2, 3 and 4.
9. Students will select appropriate technical factors to assure quality images and patient care. Relates to goal #'s 1 and 4.
10. Students will demonstrate desires life-long learning through completion of a portfolio and accumulates of professional points. This relates to goal #1.

The Student Learning Outcomes can be broken down into Cognitive, Behavioral and Affective Outcomes. At the end of the Radiography Program students should be able demonstrate:

I. **Cognitive Domain:** students will be able to:

- A. Demonstrate critical thinking skills by describing patient care and positioning for non-trauma and trauma patients as well as population diversities.
- B. Demonstrate evidence of Radiation Safety and know effects of excessive radiation doses.
- C. Manipulate exposure techniques and radiographic equipment.
- D. Demonstrate knowledge of medical terminology as related to radiology