



Course Description

RTE1804 | Radiographic Clinic 1 | 5.00 credits

The first in the series of six clinical courses. Under the direct supervision of faculty and clinical staff, performance of basic diagnostic radiographic procedures is carried out. This course will also provide student with an opportunity to integrate patient care procedures in the clinical experience.

Course Competencies

Competency 1: The student will be able to demonstrate knowledge of and perform patient care procedures required in radiologic sciences by:

1. Identifying the responsibilities of the health care facility and members of the health care team
2. Explaining the use of various communication models
3. Demonstrating correct principles of body mechanics applicable to patient care
4. Demonstrating techniques for specific types of patient transfer
5. Describing specific patient safety measures and concerns
6. Describing vital signs and lab values used to assess the condition of the patient
7. Maintaining patient confidentiality standards and meet HIPAA requirements

Competency 2: The student will be able to execute medical imaging procedures, presented in RTE 1503 and 1503L, under appropriate level of supervision by:

1. Identifying methods for determining the correct patient for a given procedure
2. Explaining specific aspects of a radiographic procedure to the patient
3. Demonstrating proper use of positioning aids
4. Correctly positioning the patient for each exposure according to department protocol
5. Selecting technical factors to produce quality diagnostic images with the lowest radiation exposure possible
6. Applying general radiation safety and protection practices associated with radiographic examinations

Competency 3: The student will be able to demonstrate the knowledge and understanding of the proper infection control practices by:

1. Defining terms related to infection control
2. Describing the importance of standard precautions and isolation procedures
3. Relating types of transmission-based precautions with appropriate clinical situations
4. Demonstrating the medically aseptic hand-washing technique
5. Following OSHA regulations governing waste / linen disposal

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of diverse cultures, including global and historical perspectives