



Course Description

RTE1814 | Radiographic Clinic 2 | 5.00 credits

The purpose of this course is to provide the student the opportunity to integrate previously measured and evaluated clinical skills with new skills learned. Students will be able to demonstrate continued personal, professional growth and critical analysis of radiographic procedures. Students will continue to develop skills in clinical procedures, patient care skills and department procedures.

Course Competencies

Competency 1: The student will be able to demonstrate effective patient care and communication skills with patients, healthcare providers and families by:

1. Integrating the use of appropriate and effective written, oral and nonverbal communication with patients, the public and members of the health care team in the clinical setting
2. Providing patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity, or culture
3. Using patient and family education strategies appropriate to the comprehension level of the patient/family
4. Providing desired psychosocial support to the patient and family

Competency 2: The student will be able to demonstrate understanding, knowledge and skills required to perform various fluoroscopic procedures by:

1. Preparing room with all necessary items including imaging accessories
2. Locating and preparing contrast material for contrast enhanced procedure
3. Following department procedures and policies for NPO patients
4. Performing pre-contrast radiographs as determined by clinical procedures
5. Manipulating fluoroscopic equipment for fluoroscopy examinations
6. Implementing the use of appropriate radiation protection methods including: collimation, time, distance and shielding

Competency 3: The student will be able to demonstrate proficiency in the skills, techniques and knowledge required to perform accurate mobile procedures by:

1. Describing mobile radiographic equipment in terms of purpose, components, types and applications
2. Properly operating of various types of mobile radiographic equipment
3. Executing the mobile procedures in accordance with the hospital protocol
4. Implementing the use of appropriate radiation protection methods including: collimation, time, distance and shielding

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
- Use computer and emerging technologies effectively