Miami Dade College

Course Description

RTE2834 | Radiographic Clinic 4| 5.00 credits

Performance of procedures of increasing levels of complexity and responsibility including specialized diagnostic procedures. At this level the program faculty and clinical supervisor will determine if the student can perform procedures with less supervision.

Course Competencies

Competency 1: The student will be able to demonstrate proficiency in the interpersonal and organizational skills when conducting radiographic procedures by:

1. Independently performing all radiographic procedures, for which successful competency evaluation was attained, in accordance with department protocol.
2. Adhering to national, institutional and departmental standards, policies and procedures regarding care of patients, providing radiologic procedures and reducing medical errors.
3. Adhering to team practice concepts that focus on organizational theories, roles of team members and conflict resolution
4. Adapting to changes and varying clinical situations

Competency 2: The student will be able to demonstrate proficiency in the skills, techniques and knowledge required to perform special fluoroscopic procedures involving aseptic techniques by:

1. Acquiring the appropriate equipment and supplies necessary to complete special/OR fluoroscopic procedures
2. Explaining the patient preparation and assessment necessary for various fluoroscopic studies
3. Executing all necessary positions/projections for special/OR fluoroscopic procedures
4. Applying the appropriate medical asepsis and sterile technique
5. Using appropriate charting/electronic documentation methods
6. Applying general radiation safety and protection practices associated with fluoroscopic examinations

Competency 3: The student will identify positioning considerations for radiographic procedures by:

1. Describing the process employed to complete radiographic procedures that are utilized to demonstrate specific anatomical structures for each body system
2. Stating specific projections required for each examination
3. Describing the positioning considerations for each radiographic procedure
4. Recognizing the need for proper film ID and marking
5. Describing the use of positioning aids and accessory equipment such as sponges, lead blockers, grids in positioning
6. Describing means for protecting the patient from unnecessary exposure to radiation

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 ethical thinking and its application to issues in society
- Demonstrate knowledge of diverse cultures, including global and historical perspectives
- Use computer and emerging technologies effectively