
SECTION HEADING

RADT 1110: Radiological Procedures I

Description

Radiological Procedures I provides the student with the knowledge necessary to perform radiographic procedures relative to the upper extremities, lower extremities, shoulder, pelvic girdle, thorax, spine, trauma, surgery, and mobile radiography. Emphasis will be on radiographic terms, anatomy, positioning, manipulation of radiographic equipment and accessories, and related patient care considerations. Basic techniques in venipuncture, contrast media types, intravenous medication and emergency response will also be included.

Credits

7

Prerequisite

None

Corequisite

None

Topics to be Covered

1. Demonstrate the ability to accurately position patients for all radiographic exams covered in this course as well as to be able to identify all radiographic anatomy covered within this course.
2. Help students improve the effectiveness of their thinking skills by adopting positioning skills to the specific needs of all patients in the radiology department.
3. Help students improve their oral and written communication skills through simulating patient care situations and the impact that has on the radiology patients

Learning Outcomes

1. Demonstrate proper use of positioning aids in the laboratory setting.
2. Discuss general procedural considerations for radiographic examinations.
3. Adapt general procedural considerations to specific clinical settings.
4. Identify the structures demonstrated on routine radiographic procedures
5. Simulate radiographic procedures on a person or phantom in a laboratory setting.
6. Evaluate images for positioning, centering, appropriate anatomy, and overall image
7. quality.
8. Discuss equipment and supplies necessary to complete radiographic procedures.
9. List and explain the routine and special views for all radiographic procedures
10. covered in this course.
11. Explain radiographic procedures to patients/family members.
12. Apply general radiation safety and protection practices associated with radiologic
13. examinations.

Credit Details

Lecture: 6

Lab: 1

OJT: 0

MnTC Goal Area(s): None