RADT159C : Radiographic Positioning II and Clinical Procedures I

Examines the radiographic positioning of the osseous system. Topics in this course include positioning, radiographic exposure factors, medical terminology, pathology, radiographic anatomy, radiation protection, and special considerations for the pediatric and geriatric patients. The clinical experience is an extension of the classroom where the student will develop the theory into practical skills through instruction, application, critique, and evaluation on common procedures. All students enrolled in in this course will be charged a $500 per semester clinical surcharge.
Credits 9
Lab/Practicum/Clinical Hours 26
Lecture Hours 3
Prerequisites
Students are required to pass prerequisite courses with a grade of C or higher. Exceptions apply; please consult your department chair.
RADT151MC
RADT180C
Corequisite Courses
RADT116C
Learning Outcomes
(Clinical Portion)

- Demonstrate effective interpersonal skills, including the ability to identify the impact of non-verbal communication.
- Identify patient appropriately and review clinical history, while maintaining patient confidentiality and dignity in all interactions.
- Adhere to concepts that focus on organization theories, roles of team members, and conflict resolution.

(Didactic Portion)

- Identify the anatomy and topographic landmarks of the abdomen, upper limb, shoulder girdle, lower limb, hip, pelvis, ribs, sternum, and sternoclavicular joints.
- Explain all radiographic positioning considerations and clinical indications for abdominal, upper limb, shoulder girdle, lower limb, hip, pelvis, ribs, sternum, and sternoclavicular joints.
- Demonstrate the routine and special projections for abdominal, upper limb, shoulder girdle, lower limb, hip, pelvis, ribs, sternum, and sternoclavicular joint radiography.
- Evaluate abdominal, upper limb, shoulder girdle, lower limb, hip, pelvis, ribs, sternum, and sternoclavicular joint radiographs based on established radiographic criteria.