

University of Arkansas – Fort Smith
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General Syllabus

RADT 1324 Clinical Education III

Credit Hours: 4

Lecture Hours: 0

Laboratory Hours: 20

Prerequisite: RADT 1224 Clinical Education II

Corequisite: RADT 1312 Radiographic Procedures III

Effective Catalog: 2022-2023

I. Course Information

A. Catalog Description

Continuation of Clinical Education II (RADT 1224). Provides the students with the necessary skills and experience needed in the actual practice of radiography.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Demonstrate an understanding of radiographic controls utilized in the operation of radiographic equipment.
2. Critique a radiograph based on stated criteria.
3. Master all clinical performance objectives.
4. Produce quality radiographs of the lower extremity and vertebral column.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills: Students will think critically to reach viable solutions to a problem and to justify those solutions to produce quality radiographs in the clinical setting.

Communication Skills (written or oral)

Students will effectively communicate with patients to place them in position to obtain diagnostic radiographs of the extremities and spine.

Ethical Decision Making

Students will apply ethical frameworks in relation to patient information and display highest professional behavior in the clinical setting.

III. Major Course Topics

- A. Performing Radiographic Procedures on the Lower Extremities
- B. Performing Radiographic Procedures on the Cervical Spine
- C. Performing Radiographic Procedures on the Thoracic Spine
- D. Performing Radiographic Procedures on the Lumbar Spine
- E. Performing Radiographic Procedures on the Sacrum and Coccyx
- F. Re-evaluation Examinations from Category I and Category II.