

University of Arkansas – Fort Smith
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General Syllabus

RADT 2525 Clinical Education V

Credit Hours: 5

Lecture Hours: 0

Laboratory Hours: 25

Prerequisite: RADT 2425 Clinical Education IV

Corequisites: RADT 2502 Imaging Equipment, RADT 2611 Senior Seminar, & RADT 2601 Radiographic Pathology

Effective Catalog: 2019-2020

I. Course Information

A. Catalog Description

A continuation of supervised clinical experiences for the procedures and skills needed in the practice of radiography. Advanced clinical rotations, responsibilities, and expectations are designated.

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. Produce quality radiographic images on all clinical competency examinations.
4. Produce quality radiographs of the digestive system, urinary system, skull, facial bones, sinuses, mandible, TMJ, zygomatic arches, nasal bones, and orbits.

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 and oral)

Students will effectively communicate to the patient and be able to explain the procedure in a manner appropriate for the patient's age.

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. Exams of the Upper and Lower Extremities
- B. Exams of the Vertebral Column
- C. Exams of the Skull and Facial Bones
- D. Fluoroscopic and Radiographic Exams on the Gastrointestinal Tract
- E. CT Brain and CT Abdomen
- F. Re-evaluation Examinations from Category I, Category II, Category III, and Category IV.