

University of Arkansas – Fort Smith
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General Syllabus

RADT 2524 Clinical Education V

Credit Hours: 4 **Lecture Hours:** **Laboratory Hours:** 20

Prerequisites: RADT 2424 Clinical Education IV

Corequisites: RADT 2502 Imaging Equipment and RADT 2512 Radiographic Procedures V

Effective Semester: Spring 2014

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

II. Student Learning Outcomes

A. Subject Matter

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

1. Exhibit professional conduct and appearance.
2. Demonstrate an understanding of radiographic controls utilized in the operation of radiographic equipment.
3. Critique a radiograph based on stated criteria.
4. Master all clinical performance objectives.
5. Produce quality radiographs of the esophagus, GI series, small bowel series, barium enema and intravenous urography (IVP).

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Students will access and evaluate appropriate information through written and electronic means. Students will think critically to reach viable solutions to a problem and to justify those solutions.

Technological Skills

Students will use appropriate technology to efficiently access, communicate, analyze and evaluate data pertinent to the exam being performed.

Ethics

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

III. Major Course Topics

- A. Perform Exams of the Upper and Lower Extremities
- B. Perform Exams of the Vertebral Column
- C. Perform Exams of the Skull and Facial Bones
- D. Perform Fluoroscopic and Radiographic Exams on the Gastrointestinal Tract
- E. Perform a CT Brain and CT Abdomen
- F. Performing Re-evaluation Examinations from Category I, Category II, Units 1 and 2, and Category III
- G. Performing Available Elective Procedures