

University of Arkansas – Fort Smith

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General Syllabus

RADT 2424 Clinical Education IV

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

Prerequisites: RADT 1323 Clinical Education III

Prerequisites or corequisites: ENGL 1213 Composition II or ENGL 1233 Honors Composition, PSYC 1163 General Psychology, or SOCI 2753 Introduction to Sociology

Corequisites: RADT 2412 Radiographic Procedures IV and RADT 2432 Principles of Radiation Biology/Protection

Effective Semester: Fall 2013

I. Course Information

A. Catalog Description

Fourth in a series of courses that provide the student with the necessary clinical education to be successful in the practice of radiography. Rotation will continue through the four clinical sites.

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 cervical spine, thoracic spine, lumbar spine, sacrum, and coccyx.

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. Performing Radiographic Procedures of the Esophagus
- B. Performing Radiographic Procedures of the GI Series and Small Bowel
- C. Performing Radiographic Procedures of the Barium Enema
- D. Performing Radiographic Procedures of the Intravenous Urography (IVP)
- E. Perform Radiographic Procedures Using the C-Arm
- F. Perform Orthopedic Radiographic Procedures Using the Portable Unit
- G. Performing Re-evaluation Examinations from Category I, Category II, Units 1 and 2
- H. Performing Available Elective Procedures from Category IV