

**University of Arkansas – Fort Smith**  
**5210 Grand Avenue**  
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**Fort Smith, AR 72913-3649**  
**479-788-7000**

## **General Syllabus**

### **RADT 1224 Clinical Education II**

Credit Hours: 4

Lecture Hours: 0

Laboratory Hours: 20

Prerequisite: RADT 1124 Clinical Education I

Prerequisite or corequisite: HLTH 1473 Medical Terminology

Corequisites: RADT 1204 Image Production and RADT 1214 Radiographic Procedures II

Effective Catalog: 2019-2020

#### **I. Course Information**

##### **A. Catalog Description**

Provides the student with the necessary clinical education needed in the actual practice of radiography. Rotation will be made between hospitals and clinics as determined by the instructor.

##### **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 upper and lower extremities.
5. Identify Image Receptor sizes
6. Identify the correct procedure for producing radiographic images.

##### **B. University Learning Outcomes**

This course enhances student abilities in the following areas:

##### **Analytical Skills**

**Critical Thinking Skills:** Students will use analytical/critical thinking skills to draw conclusions and/or solve problems. Students will think critically to reach viable

solutions to a problem and to justify those solutions to produce a quality radiograph.

**Communication Skills (written and oral)**

Students will effectively communicate orally with patients, clinical staff, and physicians.

**Ethical Decision Making**

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

**III. Major Course Topics**

- A. Radiographic Procedures on the Upper Extremities
- B. Radiographic Procedures on the Lower Extremities
- C. Control Panel
- D. Image Information
- E. Chest Examination
- F. Abdomen Examination
- G. Rib Examination