

University of Arkansas – Fort Smith
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General Syllabus

RISP 11204 Clinical Education I

Credit Hours: 4

Lecture Hours: 0

Laboratory Hours: 20

Prerequisites: ENGL 10103 Composition I, MATH 11003 College Algebra, CPR Certification (American Heart Association “CPR for Healthcare Providers” or American Red Cross “CPR for the Professional Rescuer”) CHEM 10003 Chemical Principles, and BIOL 24003/24001 Human Anatomy/Laboratory

Prerequisite or corequisite: BIOL 24103/24101 Human Physiology/Laboratory

Corequisites: RISP 11004 Introduction to Radiography, RISP0 11012 Radiographic Procedures I, and RISP 12302 Radiation Physics

Effective Catalog: 2019-2020

I. Course Information

A. Catalog Description

Provides the student with the opportunity to apply the principles of patient care and positioning concepts learned in the classroom to the performance of radiographic procedures in the clinical setting.

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. Demonstrate competency on all clinical performance objectives.
4. Produce quality chest, abdomen, and upper extremity radiographs.
5. List each radiographic and fluoroscopic room and identify the types of examinations that are performed in them.
6. Identify cassette sizes.
7. Identify the correct procedure for developing a film by automatic processing, computed radiography or digital systems.

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 of the chest, abdomen, and upper extremities.

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

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

III. Major Course Topics

- A. Manipulation of Equipment
- B. Identify Film Cassette Size
- C. Using Automatic Processing for Film Development
- D. Control Panel
- E. Image Information
- F. Chest Examination
- G. Abdomen Examination
- H. Rib Examination