

## **RADT 121**

### **Clinical Seminar I**

1 Credit

## Community College of Baltimore County Common Course Outline

### **Description**

**RADT 121 – Clinical Seminar I:** a 5-week clinical seminar in which students achieve additional clinical skills by participating in the actual procedures performed in a radiology/imaging department. In addition, students research professional journals to critique articles on current topics in radiology. 1 credit hour: 16 clinical hours and 2 lab hours a week; 5 weeks. Offered winter semester.

**Pre-requisites:** RADT 103, RADT 104, RADT 105

### **Overall Course Objectives**

Upon completion of this course, students will be able to:

1. demonstrate appropriate professional ethics and behavior while on clinical duty;
2. demonstrate proper use and care of radiographic equipment on campus and at clinical facilities by observing operation of radiographic/other equipment and then correctly using equipment under supervision and by practicing radiation protection using protective equipment/techniques;
3. employ good patient care and proper customer relations;
4. initiate responsibility for actions and behavior by following through on assigned tasks and directions and by readily assisting with stocking and cleaning clinical area/equipment as required;
5. demonstrate accountability to assigned clinical area by reporting to assigned area on time and remaining available throughout scheduled time;
6. show continued interest in learning by being attentive to procedures in clinical areas and by asking pertinent questions;
7. demonstrate a professional appearance and demeanor by maintaining a well-groomed appearance, practicing appropriate personal hygiene, wearing program identification badge and dosimeter properly, adhering to program dress code, and interacting with patients and staff on a courteous, professional level;
8. perform clinical coursework for category I (chest and abdomen) and category II (upper extremities);
9. perform laboratory simulations for category I (chest and abdomen) and category II (upper extremity);
10. explain program policies and procedures for didactic, lab, and clinical instruction;
11. evaluate emerging trends in the radiography profession by researching peer-reviewed professional journals and writing a summary/critique paper on one topic; and
12. analyze diagnostic properties of radiographic images.

The Common Course Outline (CCO) determines the essential nature of each course.

For more information, see your professor's syllabus.

## **Major Topics**

- I. Lab and Clinical Attendance
- II. Emerging Trends in the Radiography Profession
- III. Diagnostic Properties of Radiographic Images
- IV. Radiography Program Policies and Procedures
- V. Proper Use and Care of Equipment
  - a. Image receptors
  - b. Operation of radiographic equipment and accessories
  - c. Picture Archiving and Communication System (PACS)
  - d. Image display and annotation
- VI. Patient Care
  - a. Vital signs
  - b. Patient confidentiality and modesty
  - c. Standard precautions
  - d. Patient needs and safety
- VII. Lab Responsibilities
  - a. Tasks and assignments
  - b. Lab simulation activities and testing
  - c. Lab attendance and uniform
  - d. Lab area maintenance
  - e. Radiation protection
  - f. Professional ethics and behavior
- VIII. Clinical Area Responsibilities
  - a. Assigned tasks
  - b. Clinical attendance and uniform
  - c. Clinical area cleaning and stocking
  - d. Patient transport
  - e. Radiographic exams under direct supervision
  - f. Radiation protection
  - g. Professional ethics and behavior

## **Course Requirements**

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- 5 Lab Simulation Tests
- 8 Clinical Evaluations
- 3 Clinical Objectives
- 1 Summary/Critique Paper
- 2 Quizzes
- 1 Test

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

## **Other Course Information**

The American Registry of Radiologic Technologists (ARRT) has established a minimum scaled passing score of 75%. The Radiography program has developed standards of grading that are consistent with grading systems of other programs. Letter grades will be distributed according to the following standards:

92 -100 A

83 -91 B

75 -82 C

65 -74 D

Below 65 F\*

\*If a student is absent for clinical duty two occurrences or more in a semester without bona fide physician statements, the student's semester letter grade will be dropped by one letter.

This course is a required course in the AAS Radiography program within the Medical Imaging Department. All RADT courses must be passed with a grade of C or better.

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