RADT 221
Clinical Seminar II
1 Credit

Community College of Baltimore County
Common Course Outline

Description

RADT 221 – Clinical Seminar II: a 4-week clinical seminar in which students achieve additional clinical skills by participating in the actual procedures performed in a radiology/imaging department and performing imaging exams under direct and indirect supervision. In addition, students research professional journals to critique articles on current topics in radiology. 1 credit hour: 24 clinical hours and 2 lab hours a week; 4 weeks. Offered winter semester.

Pre-requisites: RADT 206, RADT 207, RADT 208

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 correctly using equipment under appropriate supervision and by practicing radiation protection using protective equipment/techniques;
3. employ good patient care and proper customer relations;
4. show 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. validate accountability to assigned clinical area by reporting to assigned area on time and remaining available throughout scheduled time;
6. implement an interest in learning by being proactive in 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), category II (upper extremities), category III (lower extremities), category IV (spine and thorax), and category V (contrast studies), category VI (skull and facial bones), category VII (mobile and surgical procedures), and category VIII (advanced medical procedures);
9. perform laboratory simulations for category V (contrast studies), category VI (skull and facial bones), and category VIII (advanced medical procedures);
10. explain program policies and procedures for didactic, lab, and clinical instruction; and

11. evaluate emerging trends in the radiography profession by researching peer-reviewed professional journals and writing a summary/critique paper on one topic.

Major Topics

I. Lab and Clinical Attendance
II. Emerging Trends in the Radiography Profession
III. Radiography Program Policies and Procedures
IV. 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
V. Patient Care
    a. Vital signs
    b. Patient confidentiality and modesty
    c. Standard precautions
    d. Patient needs and safety
VI. 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
VII. 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 and indirect 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:

- 4 Lab Simulation Tests
- 6 Clinical Evaluations
- 3 Clinical Objectives
- 3 Image Evaluations
- 44 Competency Evaluations (program total)
- 1 Summary/Critique Paper
- 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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