

RADT 105
Clinical Education I
2 Credits

Community College of Baltimore County
Common Course Outline

Description

RADT 105 – Clinical Education I: begins the clinical professional portion of the Radiography program. Students begin to participate in actual radiographic/imaging procedures by assisting the radiology staff at clinical facilities. Also included in this course are Orientation and laboratory simulation sessions. 2 credit hours: 16 clinical hours and 2 lab hours per week; 15 weeks. Offered fall semester.

Pre-requisites: RADT 101

Co-requisites: RADT 103, RADT 104

Overall Course Objectives

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

1. summarize clinical education procedures and policies outlined in Orientation;
2. demonstrate appropriate professional ethics and behavior while on clinical duty;
3. 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;
4. employ good patient care and proper customer relations;
5. establish 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;
6. demonstrate accountability to assigned clinical area by reporting to assigned area on time and remaining available throughout scheduled time;
7. show an interest in learning by being attentive to procedures in clinical areas and by asking pertinent questions;
8. 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;
9. perform clinical coursework for category I (chest and abdomen) and category II (upper extremities); and
10. perform laboratory simulations for category I (chest and abdomen) and category II (upper extremities).

Major Topics

- I. Orientation
 - a. Philosophy of clinical competency program

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

For more information, see your professor's syllabus.

- b. Lab procedures and policies
 - c. Clinical procedures and policies
 - d. Lab and clinical duty schedules
 - e. Onboarding procedures for clinical rotations
 - f. Professional ethics
 - g. Radiation protection
 - h. Lab and clinical attendance
 - i. Service learning
- II. 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
- III. Patient Care
 - a. Vital signs
 - b. Patient confidentiality and modesty
 - c. Standard precautions
 - d. Patient needs and safety
- IV. 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
- V. 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

Course Requirements

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

- 3 Lab Simulation Activities
- 10 Lab Simulation Tests
- 25 Clinical Evaluations
- 10 Clinical Objectives
- 3 Journal Entries

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

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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 three 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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