

Common Course Outline
RADT 251
Mammography Clinical Practicum
3 Credits

Community College of Baltimore County

Description

RADT 251 – Mammography Clinical Practicum provides Registered Radiographers with the opportunity to expand on the principles and clinical skills learned in the didactic classes. Students perform mammography procedures under the direct supervision of an experienced mammography technologist. Students have the opportunity to obtain documentation of clinical competence as required by the American Registry of Radiologic Technologists (ARRT) and Mammography Quality Standards Act (MQSA) for eligibility to take the national certification exam in mammography.

3 Credits: *Minimum of 120 clinical hours and 2 hours of lab*

Prerequisite: Permission from the Program Coordinator

Corequisite: RADT 250

Overall Course Objectives

Upon completion of this course students will be able to:

1. demonstrate professional behavior in dealing with patients and other staff members;
2. apply standard and transmission based precautions;
3. perform simulation lab assignments;
4. demonstrate correct mammographic positioning for routine and non-routine patients;
5. perform recommended Quality Assurance (QA) and Quality Control (QC) testing procedures according to American College of Radiology (ACR) guidelines based on digital equipment;
6. perform recommended Mammography Quality Standards Act (MQSA) guidelines based on digital and tomographic equipment;
7. provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity, or culture;
8. assess patients and record clinical histories;
9. demonstrate competency in the principles of radiation protection standards; and
10. demonstrate clinical competencies needed to sit for the Mammography Registry examination offered by the American Registry of Radiologic Technologists (ARRT).

Major Topics

- I. Positioning labs
- II. Preceptor/mentored clinical experience
- III. Documentation of clinical experience requirements

Course Requirements

Grading procedures will be determined by the Program Coordinator and preceptors, but will include the following:

Grading/exams

- Attendance
- Clinical competencies (as required by ARRT and MQSA)
- A minimum of seven clinical evaluations
- A minimum of seven journal entries
- A minimum of two lab practicals

A minimum score of 75% is required to pass this course. The American Registry of Radiologic Technologists (ARRT) has established a minimum scaled passing score of 75. The mammography course of study 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

Written Assignments: Students are required to use appropriate academic resources.

Other Course Information

This course includes a clinical dress code. Refer to the student handbook for dress code and clinical site information.

This course is an elective course of the Medical Imaging Department's mammography course offerings.