

<b>Course Outcomes Guide</b> <b>Summer 2019</b>
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**Course/Program Title: RAD 216A, Mammography Practicum   Date: Summer 2019**  
**Program Team: Michelle McDaniel**

**Expected Learning Outcomes for RAD 216A:**

The student will:

1. Correctly prepare and conduct mammographic procedures in the clinical setting
2. Selects appropriate image contrast and window levels needed to produce quality mammographic images and demonstrate pathology
3. Demonstrate competency and knowledge of mammographic anatomy, positioning and procedures
4. Demonstrates competency in the performance, evaluation and recording of all required quality controls tests for mammography

**Assessment (How do or will students demonstrate achievement of each outcome?)**

The student must

1. Perform at least 100 mammographic examinations on patients (no simulations)
2. Perform, evaluate and record at least 45-50 quality control tests
3. Observe, assist with or participate in a minimum of two interventional/special examination
4. Review interpretation of at least 10 mammographic exams with an MQSA qualified interpreting mammographic physician
5. Complete a minimum of six (6) assessments in performance skills and effective behaviors in the mammographic setting
6. Complete minimum of 10-12 weekly progress reports
7. Maintain accurate and complete documentation of mammographic procedures and clinical records
8. Submit a mid-semester and final semester clinical report on progress with course requirements
9. Must complete a minimum of 120 hours of clinical education

**Validation (What methods have you used or will you use to validate your assessment?)**

- Completion of course with an average grade of 75% or higher

**Results (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)**

- 0% (0/1 student) scored 75% or higher and completed the clinical requirements.

**Follow-up (How have you used or how will you use the data to improve student learning?)**

Students took incomplete due to student not completing quality control. Will complete in fall 19.

**Budget Justification**

(What resources are necessary to improve student learning?)

- Volunteers for students to practice