

**Course Outcomes Guide  
Fall 2015**

**Directions: Please complete this form to document your progress toward improving student learning. For each item, indicate your progress and your anticipated next steps. Thank you!**

**Course/Program Title: RAD 216A, Mammography Practicum   Date: Fall 2015**

**Program Team: Donna Carroll**

**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 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?)**

- 100% (1/1 student) scored 75% or higher

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

- Continue to make sure I am explicit about clinical requirements and expectations. Make sure students have a copy of the clinical educational requirements from the ARRT. Have students practice positioning once again before beginning the clinical rotation

**Budget Justification**

(What resources are necessary to improve student learning?)

- Faculty has access to ARRT online to print required documents.
- Need printer and printer paper which is already accessible.
- Volunteers for students to practice

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