

**Course Outcome Guides  
Spring 2019**

**Course/Program Title: RAD 216 Mammography for Radiographers**

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**Expected Learning Outcomes for RAD 216 Mammography for Radiographers**

The student will:

1. State the responsibility, role and goals for the mammographer in the following aspects of mammography:
  - a. Positioning the patient to include the maximum amount of breast tissue
  - b. Produce the highest quality images consistently at lowest possible radiation dose
  - c. Utilizing appropriate quality assurance/quality control in mammography
  - d. Using basic human principles of understanding, communication and caring to make the mammography procedure a positive experience

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

- Unit Exams and Final exam

Test #	Question	SP 19
# 88	Best visualize posterior lateral tissue in wrap around breast	4/4 100%
# 7	Radiation dose for a FFDM	4/4 100%
# 32	Return for screening and f/u	4/4 100%
# 1	CNR question	1/4 25%

**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
- 85% of students will answer designated questions from outcome list

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

- 100% (4/4) passed with a 75% or higher

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

- Continue to reinforce concepts of digital mammography and contrast to noise ratio.
- Continue with lab positioning to help students understand variations in positioning.

**Budget Justification**

(What resources are necessary to improve student learning?)

No additional resources needed at this time.