

<b>Course Outcome Guides</b> <b>Fall 2016</b>
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**Course/Program Title: RAD 216 Mammography for Radiographers**

**Course/Program Team: D. Carroll**

**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, Mid term and Final exam

<b>Outcome Letter</b>	<b>Test and #</b>	<b>Question</b>	<b>Percentage Year</b>	
A	MT 22	Best visualize posterior lateral tissue in wrap around breast	<b>75 6/8</b>	
B	MT30	Radiation dose for a FFDM	<b>88 7/8</b>	
C	MT 11	Return for screening and f/u	<b>100 8/8</b>	
D	4& F #1	CNR question	<b>100 8/8</b>	

**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?)

- Only one question on positioning was low
- 75% of students answered designated questions from final exam correctly

**Follow-up** (How have you used or how will you use the data to improve student learning?)  
 Explain the xcc1 view more in depth during class and lab

**Budget Justification**

(What resources are necessary to improve student learning?)  
 No additional resources needed at this time.