Course/Program Title: RAD 202 Medical Imaging II   **Date: Spring 2019**

Program Team: M. McDaniel

Expected Learning Outcomes:
 The student will:
1. Identify equipment requirements for the following specialized areas of medical imaging and treatment.
    a. Mobile Radiography (Pediatric and Adult)
    b. Fluoroscopy
    c. Computed Tomography
    d. Mammography
    e. Vascular Imaging Equipment
    f. Digital Imaging Processing
    g. Digital Radiography
    h. Magnetic Resonance Imaging
    i. Other Imaging and Therapeutic Modalities
2. Describes educational requirements and responsibilities of the medical imager performing these specialized procedures identified in outcome #1
3. Provides patient education and care for the for the procedures identified in

Assessment (How do or will students demonstrate achievement of each outcome?)
-unit exams
-comprehensive final

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% (24/24 students) scored 75% or higher for the course
- Final Exam:

Question	FA 17
# 4 air-fluid level	31/31 100%
# 3 how many feet away	30/31 97%
# 2 responsibility	31/31 100%
#23 fluoro SOD	29/31 94%
# 8 controlling ped motion	25/31 81%
# 7 amniocentesis	29/31 94%
# 9 radiation protection	14/31 45%
# 1 breast compression	31/31 100%
# 5 injector pressure	30/31 97%
# 6 MRI coils	29/31 94%

Follow-up (How have you used or how will you use the data to improve student learning?)
-continue with current curriculum and add some additional online sources to complement course
Questions # 8 and 9 are both important concepts. I will continue to reinforce that the greatest
way to control pediatric motion is through a short exposure time. I will reinforce the best method
for reducing exposure and the ALARA principle is distance.

Budget Justification
(What resources are necessary to improve student learning?)
No additional resources needed
MLM/SP19