

**Course/Program Outcomes Guide
Summer 2017**

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 103, Radiographic Positioning I **Date:** Summer 2016

Course/Program Team: Michelle McDaniel

Expected Learning Outcomes for RAD 103:

The student will:

1. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning
2. Demonstrate basic radiographic positions pertaining to the appendicular skeleton and chest and abdomen.
3. Apply proper radiation protection methods as indicated by a radiographic position.
4. Evaluate radiographic image quality on radiographs.
5. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning
6. Identify anatomy, pathology, positions, and anomalies pertaining to the chest, abdomen, and appendicular osseous system as they appear on a diagram or actual radiograph.
7. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning
8. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning

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

- Unit exams/Comprehensive final exam
- Quizzes
- Laboratory positioning competencies
- Final positioning comp

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.
- Satisfactory completion (75% or higher) of all Competencies and course work
- 85% of students will correctly answer designed final exam questions correctly.

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

- 100% (34/34 students) received a score of 75% or higher for the class.
 - 100% of students (34/34) passed the film critique requirement on the final competency

- 91% of students (31/34) were able to adapt and critically reason through final competency
- 91% of students (31/34) received an 85% or higher on their final competency.
- 94% of students (32 of 34 students) received a score of 75% or higher on their final competency.
- Percentage of students answering the following final exam questions correct
 - Question # 17 fracture of patella : 34 out of 34 - 100%
 - Question #23 foreign body: 30 out of 34 – 88%
 - Question #48 radial deviation: 31 out of 34 – 91%
 - Question #49 pneumothorax: 31 out of 34 – 91%
 - Question #61 ileus: 33/34 – 97%
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Follow-up (How have you used or how will you use the data to improve student learning?)

- More emphasis on critical thinking and being able to adapt to patients who are not mobile
- More examples in positioning lab of challenging patient
- Continue to stress the steps of performing a successful competency and continue to review films with students during class and lab so as to continue to have success with the students being able to pass their competencies and properly critiquing films.

Budget Justification

(What resources are necessary to improve student learning?)

- No resources needed at this time.

MLM/SU16