Course Outcomes Guide
Spring 2019

Course/Program Title: RAD 105, Radiographic Positioning III   Date: Spring 2019

Program Team: Megan Dayhoff

Expected Learning Outcomes for RAD 105:
> The student will:
> 1. Demonstrate basic radiographic positions pertaining to the axial skeleton
> 2. Demonstrate radiographic positions pertaining to the Upper and Lower GI systems
> 3. Perform satisfactorily in the various phases of diagnostic radiography utilizing the appropriate principles of radiographic positioning and patient care when completing classroom competencies
> 4. Apply proper radiation protection methods as indicated by a radiographic position
> 5. Evaluate radiographic quality on radiographs
> 6. Identify and recognize anatomical features as well as pathological conditions associated with radiographs

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

- **100% (21/21 students) completed course with a 75% or higher.
  (Class course average was a 92%)**

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

Final Exam

Questions	SP/17
# 36 – foreign body	19/21 – 90%
# 6 – Caldwell petrous ridges	20/21- 95%
# 15 – clavicle positioning	21/21 – 100%
#34 – AC separation	21/21 – 100%
#56- IOML/OML	21/21- 100%
# 59 – partially flexed elbow	17/21- 81%

Final Competency
- 81% (17/21 students) received an 85% or higher on final competency

- 100% (21/21 students) passed the film critique section on final competency
- 90% (19/21 students) received a "yes" on question # 4 (details during and after the exam –completed in timely manner) section on final competency
- 100% (21/21 students) received a "yes" on question # 8 (details during and after the exam –ability to adapt to difficult situations) section on final competency
-

Follow-up (How have you used or how will you use the data to improve student learning?)
- More review of special views for positioning, particularly x-table images and supplemental images (i.e. a partially flexed elbow)
- More review of trauma scenarios to enhance critical thinking skills and to prepare students for final competency

Budget Justification
(What resources are necessary to improve student learning?)
Faculty have access to Evolve; no additional resources are needed

MND/SP19