Course Outcomes Guide

Course/Program Title: RAD 212 Cross Sectional   **Date: Spring 2019**

Course/Program Team: Megan Dayhoff

Expected Learning Outcomes:
  At the completion of this course, the student will be able to:
1. Define the anatomy demonstrated and the image plane for the following anatomical sections (given a cross-sectional image):
    A. Head
    B. Spine
    C. Abdomen
    D. Male Pelvis
    E. Female Pelvis
    F. Chest
    G. Neck
    H. Joints
2. Define the role cross-sectional imaging plays in patient care.
3. Identify pathology demonstrated within cross-sectional images.

Assessment: How do or will students demonstrate achievement of each outcome?
On line activities, Discussion questions, Quizzes, Midterm and final exam

Validation: (What methods have you used or will you use to validate your assessment?)
Course completion with 75% or higher.
31/31 (100%) students completed.   Course grade average was 91.7%

Results: Number of students assessed per year

	SP/16	SP/17	FA/17	SP/18	SP/ 19
#5 ramus of Mandible	4/5 = 80%	5/6 = 83%	27/28= 96%	2/2 = 100%	29/31= 94%
#2 Capitulum	3/5 = 60%	1/6 = 17%	21/28= 75%	2/2= 100%	23/31 = 74%
#3 Cuboid	2/5 = 40%	0/6 = 0%	23/28= 82%	2/2= 100%	26/31= 84%
#4 Carotid Artery	5/5 = 100%	4/6 = 67%	24/28= 85%	2/2= 100%	24/31= 77%
#1 Lamina	3/5 = 60%	3/6 = 50%	26/28= 93%	2/2= 100%	27/31= 87%

Follow-up: Include more images of vascular neck anatomy in course work, more images and review of bony anatomy in extremities. In the Spring 2019 term, I incorporated workbook activities in to the course, which seemed to strengthen student understanding of course material.

Budget Justification: None