

**Course Outcomes Guide
RAD 212 FA 13**

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 212 Cross-Sectional Anatomy

Date: FA 13

Course/Program Team: Jennifer Beirdneau

Expected Learning Outcomes:

STUDENT 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? Please attach a copy of your assessment electronically.)

- Completion of course with an average grade of 75% or higher.
- 85% of students will successfully answer designated final exam questions.

Validation: (What methods have you used or will you use to validate your assessment?)

- Discussion questions, chapter assignments, quizzes, and exams.

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

- 96% (27 of 28 students) completed the course with a grade of 75% or higher. The one student that did not pass the course was a walk away “F” prior to mid-semester. The student has had no contact with the department regarding her career goals.
- Percentage of students answering the following designated final exam questions correctly:

- Question #9- 100%
- Question #11- 89%
- Question #15- 93%
- Question #21- 67%
- Question #76- 100%

Follow-up: (How have you used or how will you use the data to improve student learning?)

- Offered tutoring sessions for additional clarification of material.
- Changed and implemented chapter assignments that helped to reinforce material.
- To address the one question not answered correctly by 85% of the students this question was concerning arteries in the head and neck. I will add additional worksheets with labelling of the arteries in the head and neck.

Budget Justification: (What resources are necessary to improve student learning?)

- No new resources at this time.