Course Outcomes Guide
RAD 212 SP14

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: SP14

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 answer designated questions correctly.

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?)

100% (4/4 students) successfully completed the course with a 75% or higher.
Designated Question:

<table>
<thead>
<tr>
<th>Outcome # 4</th>
<th>Question number from Final Exam</th>
<th>Actual results (# correct)</th>
<th>% Correct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critique images to assure highest quality</td>
<td># 9 Body of Mandible</td>
<td>4/4</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td># 11 Capitulum</td>
<td>4/4</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td># 15 Cuboid</td>
<td>4/4</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td># 21 Carotid Artery</td>
<td>4/4</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td># 76 Lamina</td>
<td>¾</td>
<td>75%</td>
</tr>
</tbody>
</table>

Question # 76: Review anatomy of spine. Possibly add labelling assignment for the spine.

**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.
- Added video resources that demonstrates and explains anatomy. Some videos have built in quizzes which helps to reinforce material.

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

- No new resources at this time.