Course/Program Title: RAD 212 Cross Sectional
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. All students successfully completed the course.

Results: Number of students assessed per year

<table>
<thead>
<tr>
<th></th>
<th>SP/16</th>
<th>SP/17</th>
<th>FA/17</th>
<th>FA/18</th>
</tr>
</thead>
<tbody>
<tr>
<td>#5 ramus of Mandible</td>
<td>4/5 = 80%</td>
<td>5/6 = 83%</td>
<td>27/28 = 96%</td>
<td>5/5 = 100%</td>
</tr>
<tr>
<td>#2 Capitulum</td>
<td>3/5 = 60%</td>
<td>1/6 = 17%</td>
<td>21/28 = 75%</td>
<td>5/5 = 100%</td>
</tr>
<tr>
<td>#3 Cuboid</td>
<td>2/5 = 40%</td>
<td>0/6 = 0%</td>
<td>23/28 = 82%</td>
<td>5/5 = 100%</td>
</tr>
<tr>
<td>#4 Carotid Artery</td>
<td>5/5 = 100%</td>
<td>4/6 = 67%</td>
<td>24/28 = 85%</td>
<td>5/5 = 100%</td>
</tr>
<tr>
<td>#1 Lamina</td>
<td>3/5 = 60%</td>
<td>3/6 = 50%</td>
<td>26/28 = 93%</td>
<td>5/5 = 100%</td>
</tr>
</tbody>
</table>

Follow-up: Include more images of vascular neck anatomy in course work, more images and review of bony anatomy in extremities.

Budget Justification: None