Course Outcomes Guide  
RAD 218 Spring 2019

Course/Program Title: RAD 218 Principles of CT Imaging  
Date: Spring 2019
Course/Program Team: Richard Kaiser

Expected Learning Outcomes:
Student Learning Outcomes:
1. Define and apply the basic terminology in Computed Tomography.
2. Analyze and critique Computed Tomography images.
3. Apply the basic concepts in performing a computed tomography procedure.

Assessment (How do or will students demonstrate achievement of each outcome?)
- Unit Exams
- Designated questions from final exam (85% of students will answer correctly)
- Research paper

Validation:
- Completion of course with a 75% or higher.
- 85% of students will answer designated questions correctly.

Results: All completed the course with a 75% or higher.
Class composition: 8 total students - 2 professional students; 6 Radiography program students

<table>
<thead>
<tr>
<th>Question</th>
<th>Outcome</th>
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<tbody>
<tr>
<td>#6 Abd anatomy</td>
<td>8/8 = 100%</td>
</tr>
<tr>
<td>#15 Chest anatomy</td>
<td>7/8 = 88%</td>
</tr>
<tr>
<td>#38 IV Phase</td>
<td>7/8 = 88%</td>
</tr>
<tr>
<td>#83 Enhancement</td>
<td>8/8 = 100%</td>
</tr>
<tr>
<td>#55 SUV Liver</td>
<td>5/8 = 63%</td>
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Follow-up: 2019 average score on final: 82.2%
- Continue to focus on main points from each chapter of text
- Provide students supplemental materials to enhance learning
- Arrange a ‘field trip’ to see a CT scanner and its functions in real-life practice.

Budget Justification  No new budget items needed.