

<p style="text-align: center;">Course Outcomes Guide RAD 218 Spring 2018</p>
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Course/Program Title: RAD 218 Principles of CT Imaging **Date:** Spring 2018
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: 10 total students- 3 professional students; 7 Radiography program students

Question	Outcome
#6 Abd anatomy	10/10= 100%
#15 Chest anatomy	5/10= 50%
#38 IV Phase	9/10 = 90%
#83 Enhancement	10/10= 100%
#55 SUV Liver	9/10= 90%

Follow-up: 2018 average score on final: 81%

- 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.