

Program Outcomes Guide RAD 102

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 102 **Date:** Fall 2013

Program Team: L. Olden

Expected Learning Outcomes:

The student will:

1. Identify the components of an x-ray unit and circuitry and their function
2. State the guidelines for and demonstrate safe operation of a radiographic unit
3. Identify the accessories utilized to enhance the production of quality radiographic images and their function
4. Explain the impact prime radiation exposure factors have on the production of quality radiographic images

Assessment (How do or will students demonstrate achievement of each outcome?)

- Exams and quizzes
- Laboratory activities
- Discussion boards

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

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

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

- 100% (28/28 students) scored 75% or higher
- 85% of students (projected outcome that 85% of the students will answer chosen questions from final exam correctly) did not answer one of the designated questions (#7) from final exam correctly

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

- Course Mate-online companion tool for textbook; incorporate more information about missed question in assignments and lecture (possible writing assignment concerning components of x-ray equipment)

Budget Justification

(What resources are necessary to improve student learning?)
-none needed at current time