

# Assessment: Assessment Plan



## Program (HHS) - AAS Rad Tech

**Unit Mission:** The mission of Great Basin College's Associate of Applied Science Radiology Technology Program is to provide quality education that prepares the undergraduate radiology technology student for beginning practice in a variety of health care settings.

### Outcome: Students will be clinically competent

Students will be clinically competent.

**Outcome Status:** Active

**Assessment Year:** 2015-2016

**Start Date:** 07/11/2016

### Assessment Measures

**Demonstrate** - Students will be able to demonstrate clinical competency.

- a. Clinical Competency Form Total Score
  - i. This will be evaluated upon completion of RAD227(Spring Semester of second year)- Clinical Rotation III
- b. Clinical Student Evaluation Form-Skills Area (1-6)
  - i. This will be evaluated upon completion of RAD226(Fall Semester of second year)- Clinical Rotation II

(Active)

**Criterion:** a. All students will achieve a benchmark of 75% or above on a 1-100% scale

b. All students will receive a 2 or better on a 3 point scale in all skill areas.

**Notes:** 2010-2015 This benchmark has been met 100%.

**Demonstrate** - Students will be able to position patients for diagnostic quality images.

- a. Final Positioning Test Form, Question #4
  - i. This will be evaluated upon completion of RAD116(Fall Semester of first year-Radiology 1
- b. Clinical Competency Forms, Question #7 (random sample of 3 per student will be measured).
  - i. This will be evaluated upon completion of RAD227-Clinical Rotation III

(Active)

**Criterion:** a. All students will achieve a benchmark of 75% or above on a 1-100% scale

b. All students will receive a 2 or better on a 3 point scale in all skill areas.

**Notes:** New assessment evaluation for 2015-2016

# Program (HHS) - AAS Rad Tech

**Demonstrate** - Students will be able to integrate ALARA practices for self, patients and others.

- a. Final Positioning Grading Rubric, Question #4 and #6
  - i. This will be evaluated upon completion of RAD116(Fall Semester of first year)-Radiology 1
- b. Clinical Evaluation Form, Question #5 (random sample of 3 per student will be measured).
  - i. This will be evaluated upon completion of RAD227-Clinical Rotation III

(Active)

**Criterion:** a. All students will achieve a benchmark of 3 or above on a 1-4 scale.

b. All students will receive a 2 or better on a 3 point scale in all skill areas.

**Notes:** ALARA stands for As Low As Reasonably Achievable and relates to radiation safety.

- a. This benchmark has been met since 2009-2014 at 100%.
- b. New for 2015-2016.

**Demonstrate** - Students will be able to evaluate the final radiology image for essential criteria

- a. Final Examination-Image Evaluation Portion Only.
  - i. This will be evaluated upon completion of RAD124(Spring Semester of first year)
- b. Final Clinical Evaluation Form Question #3 under skills.
  - i. This will be evaluated upon completion of RAD226-Clinical Rotation II

(Active)

**Criterion:** a. All students will achieve a benchmark of 75% or above on a 1-100% scale

b. All students will receive a 2 or better on a 3 point scale in all skill areas.

**Notes:** a. New for 2015-2016.

b. 2010-2015 This benchmark has been met 100%.

## Outcome: Students will communicate effectively

Students will communicate effectively.

**Outcome Status:** Active

**Assessment Year:** 2015-2016

**Start Date:** 07/11/2016

### Assessment Measures

**Demonstrate** - Students will be able to communicate effectively (Oral Demonstrations) .

- a. Physic's (RAD118) Presentation Grading Rubric-Oral, Question #1
  - i. This will be evaluated upon completion of RAD118.
- b. Poster presentation rubric, oral portion Questions #1-6.
  - i. This will be evaluated upon completion of RAD126.

(Active)

**Criterion:** a. All students will receive a 2 or better on a 3 point scale in all skill areas.

b. All students will receive a 4 or better on a 5 point scale.

**Notes:** New assessment evaluation for 2015-2016, the benchmark was changed.

# Program (HHS) - AAS Rad Tech

**Demonstrate** - Students will be able to communicate effectively (Writing Demonstrations).

- a. Performance Improvement Paper Grade
  - i. This will be evaluated upon completion of RAD242.
- b. Poster presentation rubric, oral portion Question 1-2.
  - i. This will be evaluated upon completion of RAD126.

(Active)

**Criterion:** a. All students will receive a 75% or better on a 100% scale in all skill areas.

b. All students will receive a 4 or better on a 5 point scale.

**Notes:** New assessment evaluation for 2015-2016, the benchmark was changed from 3 to 4 on a 5 point scale.

## Outcome: Students will utilize critical thinking and problem solving skills.

Students will utilize critical thinking and problem solving skills.

**Outcome Status:** Active

**Assessment Year:** 2015-2016

**Start Date:** 07/11/2016

### Assessment Measures

**Demonstrate** - Students will be able to manipulate technique to accommodate for patient condition.

- Clinical Competency Rubric-Question #4-this will be done by a random sampling of 3 completed forms per student
- i. This will be evaluated upon completion of RAD227.

(Active)

**Criterion:** All students will receive a 2 or better on a 3 point scale.

**Notes:** 2011-2015 This benchmark has been met 100%.

**Demonstrate** - Students will be able to demonstrate critical thinking skills.

- a. Clinical Competency Rubric-Question #5-this will be done by a random sampling of 3 completed forms per student.
  - i. This will be completed at the end of RAD227.
- b. Clinical Evaluation Rubric Question #3
  - i. This will be completed at the end of RAD227.

Criterion for Success: All students will receive a 2 or better on a 3 point scale.

(Active)

**Criterion:** All students will receive a 2 or better on a 3 point scale.

**Notes:** 2011-2015 This benchmark has been met 100%.

## Outcome: Students will be able to discuss professional pathways available.

Students will be able to discuss professional pathways available.

**Outcome Status:** Active

**Assessment Year:** 2015-2016

**Start Date:** 07/11/2016

# Program (HHS) - AAS Rad Tech

## Assessment Measures

**Discussion** - Students will be able to describe professional pathways available to them. (Active)

**Criterion:** Poster presentation rubric

i. This will be evaluated upon completion of RAD126.

All students will receive a 75% or better on a scale of 1-100%.

**Notes:** 2010-2015 This benchmark has been met 100%.

**Discussion** - Students will be able to discuss ASRT, JRCERT, licensure, and different modalities.  
Organization and State licensure review rubric.

i. This will be completed at the end of RAD112.

(Active)

**Criterion:** All students will receive a 75% or better on a scale of 1-100%.

**Notes:** New tool for 2015-2016.

## Outcome: Students will practice professionalism.

Students will practice professionalism.

**Outcome Status:** Active

**Assessment Year:** 2015-2016

**Start Date:** 07/11/2016

## Assessment Measures

**Demonstrate** - Students will exhibit professionalism in a clinical setting  
Clinical Evaluation Form, Question #9

i. This will be evaluated upon completion of RAD226.

(Active)

**Criterion:** All students will receive a 100% or better on a scale of 1-100%.

**Notes:** New for 2015-2016.

**Demonstrate** - Students will demonstrate professional interaction with patients.  
Clinical Competency Form, Question #10.

i. This will be completed at the end of RAD226 using a random sample of 3 forms per student during the course to evaluate

(Active)

**Criterion:** All students will receive a 100% or better on a scale of 1-100%.

**Notes:** Added a new goal with outcomes of professional interaction with patients. Changed the competency rubric to reflect this