

College of Southern Idaho
Radiologic Technology Program Outcome Assessment Plan Class of 2015

**Mission: To prepare students to become graduates for entry-level employment
as ARRT Registered Technologists in Radiography.**

Category 1: Graduate Performance

Goal 1: Program effectiveness will be measured on an ongoing basis.

Outcome

Tool

Benchmark

	D. All unsatisfactory competency exams. #1,2,9.	D. 2% first time unsatisfactory rate of patient care tasks of all comps. (Note: We are counting comps, not tasks because it only takes one unsatisfactory to fail a comp. And, students may fail in one or more of the three areas for each Unsat comp.)	D. Third, Fourth or Fifth semester	D. Clinical Coordinator	D. Yes $2/607=.329\%$	D. None. Note: ARRT Patient Care section score was 8.8 (7.5 is passing).
2. Students will demonstrate quality positioning.	A. RADT 162 Radiographic Procedures II Unit Exams # 12 - 16. B. All unsatisfactory competency exams. #5, 6, 7.	A. 80 % Combined average score. B. 2% first time unsatisfactory rate of positioning tasks.	A. Fourth semester B. Third, Fourth and Fifth semester	A. Didactic Instructor B. Clinical Coordinator	A. Yes $12/12=92.22\%$ B. No $14/607 = 2.3\%$	A. None B. None: Increased reinforcement of correct CR placement and part positioning. Note: ARRT Procedures section score was 8.9 (7.5 is passing).
3. Students will apply appropriate radiation safety principles.	A. RADT 152 Radiation Protection Unit Exams # 7 and 8. B - 1 All unsatisfactory competency exams #3, 4, 8.	A. 80 % Combined average score. B-1. 2% first time unsatisfactory rate of radiation safety tasks.	A. First semester B-1. Third, Fourth and Fifth semester.			

Category 3: Problem Solving and Critical Thinking

Goal 3: Students will possess problem solving and critical thinking skills.

Outcome	Tool	Benchmark	Time Frame	Responsibility	Result	Action
1. Students will						

	B. Final Grade Determination Form B. # 2 (Student thinks critically.)	B. Score of 3 on a scale of 1 –4 (Excellent to Unsatisfactory)	B. Fifth Semester	B. Clinical Coordinator	B. Yes 12/12 = 4	B. None
2. Students will assess the quality of radiographic images.	RADT 182 Clinical Education III # 4 Mock Exam / Section 3: Image Production and Evaluation.	7.0 Combined average ARRT normalized section score.	Fifth Semester	Clinical Coordinator	Yes 12/12 = (7.9) 8.9	None Note: ARRT Image Acquisition & Evaluation section score was 9.1 (7.5 is passing).
3. Students will adjust equipment operation and quality control factors.	RADT 182 Clinical Education III # 4 Mock Exam: Section 2: Equipment Operation and Quality Control	7.0 combined average ARRT normalized section score.	Fifth semester	Clinical Coordinator	Yes 12/12 Mean = (6.4	

2. Students in didactic setting will communicate effectively in writing.	A. Post certification report.	A. 8 points combined satisfactory rating .	A. Third semester.	A. Clinical Coordinator	A. Yes 12
	B. Post certification report.	B. 8 points combined satisfactory rating .	B. Fifth semester.	B. Clinical Coordinator.	

**College of Southern Idaho
Radiologic Technology Program
Minutes of the Program Advisory Meeting
For the Class of 2015 Outcomes Assessment Plan
February 15, 2017 10 am to 2 pm HSHS 178 / 139**

[Note: The back-log created from not being able to present the Classes of 2013 and 2014 Outcome Assessment Plan data during the 2014 and 2015 Program Advisory Committee meetings due to unforeseen circumstances (see explanations in Program Advisory Meetings Minutes of the Outcome Assessment Plans for the Classes of 2013 and 2014) created a back-log for the presentation of the Classes of 2015 and 2016 Outcome Assessment Plan data which both were presented and approved during the February 15, 2017 meeting.]

Members Present at the February 15, 2017 Meeting: Gary Lauer, Tamara Janak, Jayson Lloyd, RoseAnna Holliday, Rene Rambur, Merry Olson, Lee Ann Erickson, Tosha Rigby, Ron Jones, Ryan Mumford, Lindsay Smith, Kelsey Dietz, Lina Zenner, Jake Kerley, Debbie Bothwell, Robert Schramm, Rita Ruhter. Members Absent: Lawrence Blamires, Terry Patterson.

Rene Rambur motioned for approval of the Class of 2015 Outcome Assessment Plan. Robert Schramm seconded the motion. There was no discussion. Motion was unanimously approved.

**Program Effectiveness Measures
(Category I: Graduate Performance)**

Program Completion Rates	Benchmark for 1.1.1. of 80 % annual graduation rate was met at 100%. All students selected into the Class of 2015 completed the program and graduated on time.
ARRT Pass Rates & Scaled Scores	All 4 benchmarks for 1.1.2. was met. Annual first time pass rate was 80% or greater at 100%. Five (5) year first time pass rate was 80 % or greater at 89%. Annual ARRT scaled score for Class of 2015 was 80 or greater at 92. Five (5) year ARRT program mean scaled score was 80 or greater at 85. (Note: Passing is 75 and national average is 84.)
Employment Rates	Benchmark for 1-1-3 of 80 % of those seeking employment of those surveys returned (excluding military and continuing education) was met at 100%. All graduates actively sought and found employment within 6

	months of graduation.
Graduate Satisfaction	Benchmark for 1-1-4 of 80 % students received a quality education was met at 100%.
Employer Satisfaction (of Graduate Technical Skills).	Benchmark for 1.1.5 95% combined satisfactory rating of those surveys returned was met at 100%.
Amendments to Category I: Graduate Performance (Program Effectiveness)	None.
Summary	All 8 benchmarks reflecting 5 outcomes were met for Category I: Graduate Performance. Students are completing the program, passing the registry exam, gaining employment, receiving a quality education, and satisfying employers with their technical competence.
Student Learning Outcomes (Categories II - V)	
Category II: Clinical Performance	10 out of 11 benchmarks reflecting 5 outcomes for Category II: Clinical Performance was met.
Amendments to Category II: Clinical Performance	None
Summary	10 out of 11 benchmarks reflecting 5 outcomes for Category II: Clinical Performance was met. For 2.2.2.B, the benchmark of 2% or less first time unsatisfactory rate of positioning tasks was not met at 2.3

	non-routine patients. (Note: Collectively, the Class of 2015 exceeded the mean passing ARRT section score of 7.5 in all five sections of the radiography credentialing examination: (1) Rad Protection: 9.3, (2) Equipment Operation & Quality Control: 9.2., (3) Image Acquisition and Evaluation: 9.1, (4) Imaging Procedures: 8.9, and (5) Patient Care and Education: 8.9.)
Category III: Problem Solving and Critical Thinking	All 4 benchmarks for this goal were met.
Amendments to Category III: Problem Solving and Critical Thinking	None
Summary	All 4 benchmarks reflecting 3 outcomes for Category III: Problem Solving and Critical Thinking were met. The program appears effective in providing problem solving and critical thinking skills. Students learn how to set fixed and variable exposure techniques in the production of quality images. They learn how to evaluate image quality and demonstrate this understanding during competency evaluations. ALARA exposure techniques are being selected by the students and monitored by RT evaluators, clinical instructors and the program's clinical coordinator.
Category IV: Communication Skills	All 3 benchmarks for Category IV: Communication Skills was met.
Amendments to Category IV: Communication Skills	None.
Summary	All 3 benchmarks reflecting 2 outcomes

