

**Southeast Arkansas College
Radiologic Technology Program
Plan for Assessment and Evaluation
August 2020-July 2021**

MISSION: *The Southeast Arkansas College Radiologic Technology Program seeks to develop leaders in radiologic science workforce by fostering an environment of academic and clinical excellence. Specifically, the mission of the program is to produce well-educated, fully competent, and highly motivated radiologic science professionals who will safely perform diagnostic imaging procedures.*

Goal #1: Students will demonstrate entry level Radiologic Technology skills (*n* = # of students assessed)

Outcomes	Assessment Method and Frequency	Expected Outcome	Actual Outcome	Action
1. Students will demonstrate proper positioning	1. Clinical Competency Form (gold sheet) section V and VI, semester 2 and 5 2. Clinical growth form, question 3, semester 2 and 5	Students will average $a \geq 2$ (scale 1-3) Students will average $a \geq 3$ (scale 1-5) in semester 2 and ≥ 4 in semester 5	1.6 semester 2 c/o 21 n= 6 2.3 semester 5 c/o 21 n= 5 3.1 semester 2 c/o 21 n= 6 4.2 semester 5 c/o 21 n= 5	<u>NOT MET</u> - Will do remedial work with all 6 students in the positioning lab room. Met- No Action Required
2. Students will provide appropriate patient care skills	1. Clinical growth form evaluation, question 6, semester 2 and 5. 2. Clinical Competency Form (gold sheet) section II question 4, semester 2 and 5	Students will average $a \geq 3$ (scale 1-5) in semester 2 and ≥ 4 in semester 5 (scale 1-5) Students will average $a \geq 2$ (scale 1-3) for semester 2 and semester 5 (scale 1-3).	3.3 semester 2 c/o 22 n=12 4.3 semester 5 c/o 22 n=10 2.5 semester 2 c/o 22 n= 12 2.6 semester 5 c/o 22 n=10	Met- No Action Required
3. Students will demonstrate appropriate radiation safety practices for self and others	1. Pre-clinical Radiation Protection test semester 1 2. Clinical Final Competency exams, question 3, semester 5	Students will average $\geq 75\%$ on test Students will average $a \geq 2$ (scale 1-3)	100% 95% c/o 22 n=14 86% c/o 23 n=19 2.2 c/o 21 n=5	Met- No Action Required We had a new instructor for this course starting fall 2020 (c/o 22) and our scores have improved. Met- No Action Required

Goal #2: Students will communicate effectively (*n = # of students assessed*)

Outcomes	Assessment Method and Frequency	Expected Outcome	Actual Outcome	Action
1. Students will demonstrate presentation skills	1. Film Critique Evaluation, semester 5, RADI 2223 and RADI 2442	Students will average $\geq 80\%$ on film critique	c/o 21 RADI 2442 83% n=5 RADI 2223 87% n=5	Met for RADI 2223 and RADI 2442. Individuals scoring below 80% were reviewed on their films with the instructor.
	2. Powerpoint Presentation, semester 5, RADI 2223	Students will average $\geq 80\%$ on powerpoint presentation	c/o 22 83% RADI 2223 n=10	
2. Student will demonstrate age appropriate communication	1. Pediatric Clinical Competency Exam, question 1, semester 4	Students will average a ≥ 2 (scale 1-3)	2.5 c/o 21 n=6	Met- No Action Required
	2. Clinical Interval Check, question 1, semester 2	Students will average a ≥ 2 (scale 1-3)	2.4 c/o 22 n=12	Met- No Action Required

Goal #3: Students/graduates will understand the importance of professional growth and ethical behavior
(n= # of students assessed)

Outcomes	Assessment Method and Frequency	Expected Outcome	Actual Outcome	Action
1. Students/graduates will demonstrate professionalism in the clinical setting	1. Clinical growth form, question 4, semester 2 and 5 2. 12 month post-graduate employer evaluation, question 10	Students will average a ≥ 3 (scale 1-5) in semester 2 and ≥ 4 in semester 5 Graduate will average ≥ 3 (scale 1-5)	3.1 semester 2 c/o 21 n=6 4.4 semester 5 c/o 21 n=5 3.4 semester 2 c/o 22 n= 12 3.75 c/o 20 n= 10 X c/o 21 n=5	Met- No Action Required Met- No Action Required 4 of 10 evaluations returned- c/o 2020 evaluations will be mailed in July 2022-c/o 2021
2. Students/graduates will demonstrate ethical behavior in the clinical setting	1. Clinical growth form, question 7, semester 2 and 5 2. 12 month post-graduate employer evaluation, question 2	Students will average a ≥ 3 (scale 1-5) in semester 2 and ≥ 4 in semester 5 Graduate will average ≥ 3 (scale 1-5)	3.5 semester 2 c/o 21 n=6 4.4 semester 5 c/o 21 n=5 3.4 semester 2 c/o 22 n=12 4.25 c/o 20 n=10 X c/o 21 n=5	Met- No Action Required Met- No Action Required Met- No Action Required 4 of 10 evaluations returned- c/o 2020 evaluations will be mailed in July 2022-c/o 2021

Goal #4: Students will demonstrate effective critical thinking and problem solving skills
(n= # of students assessed)

Outcomes	Assessment Method and Frequency	Expected Outcome	Actual Outcome	Action
1. Student will adapt to non-routine imaging procedure	1. Procedure lab assessment evaluation, question 5, semester 2	Students will average a ≥ 3 (scale 1-5)	3.3 c/o 22 n= 12	Students not performing well were given remediation in the lab.
	2. Trauma evaluation, question 5, semester 4	Students will average a ≥ 3 (scale 1-5)	3.8 c/o 21 n= 5 4.1 c/o 22 n= 10	Gave remediation assignment to students scoring below a 3 on evaluations.
2. Student will appropriately critique radiographs	1. Film critique in RADI 2442 and RADI 2223, semester 5	Students will average a $\geq 80\%$	c/o 21 RADI 2442 83% n=5 RADI 2223 87% n=5	Met for RADI 2223 and RADI 2442. Individuals scoring below 80% were reviewed on their films with the instructor.
	2. Clinical Competency Form (gold sheet) section VIII semester 2 and 5	Students will average a ≥ 2 (scale 1-3)	2.4 semester 2 c/o 21 n=6 2.5 semester 5 c/o 21 n=5	Met- No Action Required

Goal #5: The program will help fulfill the need for certified radiographers in Southeast Arkansas and the servicing area (*n*= # of students assessed)

Outcomes	Assessment Method and Frequency	Expected Outcome	Actual Outcome	Action
1. Students will successfully pass ARRT	1. Annual ARRT pass rate	≥90% of graduates pass the ARRT the first attempt	100% c/o 21 n=5	Met- No Action Required 5/5 passed on 1 st attempt.
2. Students will successfully complete program in 24 months	1. Retention of students throughout the program	≥ 75% retention from year throughout the program	92% c/o 22 n=10	13 started the progrm. 3 <i>failed</i> for academic reasons but 2 of those will be returning fall 2022.
3. Employer satisfaction with graduate	1. 12 month post-graduate employer evaluation, question 11	≥90% of employers reporting rated the program ≥3 (scale 1-5)	X c/o 21 n=5	evaluations will be mailed in July 2022-c/o 2021
4. Graduates will be employed within 12 months of graduation	1. Annual job placement/exit evaluation, question 1	≥90% report employment in the field within 12 months of graduation	100% c/o 21 n=5	c/o 21- were 5 of 5 answered employed on question 1 of exit eval at the time of graduation. Post graduate evals will be sent out July 2022. Most worked as a senior student and remained at that facility. evaluations will be mailed in July 2022-c/o 2021
	2. 12 month post-graduate evaluation	≥90% report employment in the field within 12 months of graduation	X c/o 21 n=5	
5. Student satisfaction with overall training	1. 12 month post-graduate evaluation, question 1	≥90% of graduates reporting will rate overall satisfaction with their education ≥3 (scale 1-5)	X c/o 21 n=5	evaluations will be mailed in July 2022-c/o 2021
	2. Exit Evaluation, question 2	90% of graduates reporting will rate overall satisfaction with their education ≥3 (scale 1-5)	100% c/o 21 4.8 n=5	5 of 5 exit evaluations were surveyed.

