

**Southeast Arkansas College
Radiologic Technology Program
Plan for Assessment and Evaluation
August 2018-July 2019**

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	Students will average $a \geq 2$ (scale 1-3)	2.2 semester 2 c/o 19 n= 7 2.4 semester 5 c/o 19 n= 6	Met- No Action Required In semester 2, at this point we had 7 students.
	2. Clinical growth form, question 3, semester 2 and 5	Students will average $a \geq 3$ (scale 1-5) in semester 2 and ≥ 4 in semester 5	3.5 semester 2 c/o 19 n= 7 4.2 semester 5 c/o 19 n= 6	Met- No Action Required
2. Students will provide appropriate patient care skills	1. Clinical growth form evaluation, question 6, semester 2 and 5.	Students will average $a \geq 3$ (scale 1-5) in semester 2 and ≥ 4 in semester 5 (scale 1-5)	3.4 semester 2 c/o 20 n=13 ? semester 5 c/o 20 n=10	Continue to monitor for improvement.
	2. Clinical Competency Form (gold sheet) section II question 4, semester 2 and 5	Students will average $a \geq 2$ (scale 1-3) for semester 2 and semester 5 (scale 1-3).	2.3 semester 2 c/o 20 n= 13 ? semester 5 c/o 20 n=10	
3. Students will demonstrate appropriate radiation safety practices for self and others	1. Pre-clinical Radiation Protection test semester 1	Students will average $\geq 75\%$ on test	100% 85% c/o 20 n=14 86% c/o 21 n=13	Met- No Action Required We had 14 at this time in the class of 2020 and 13 in the class of 2021.
	2. Clinical Final Competency exams, question 3, semester 5	Students will average $a \geq 2$ (scale 1-3)	2.4 c/o 19 n=6	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 written communication skills	1. Medical Terminology Final Exam grade, semester 1	Students will average $\geq 80\%$ on exam	100% 88% c/o 20 n=14	Met- No Action Required At this time of the semester we were down to 14 students
	2. Paper for RADI 2222	Students will average $\geq 80\%$ on paper	91% c/o 19 n=6	Met- No Action Required One of these students placed 3 rd in the ARSRT state convention in the essay competition
2. Students will demonstrate presentation skills	1. Film Critique Evaluation, semester 5, RADI 2222 and RADI 2442	Students will average $\geq 80\%$ on film critique	c/o 19 RADI 2442 80% n=6 RADI 2222 83% n=6	Met for RADI 2222 and RADI 2442. Individuals scoring below 80% were reviewed on their films with the instructor.
	2. Powerpoint Presentation, semester 5, RADI 2222	Students will average $\geq 80\%$ on powerpoint presentation	c/o 20 RADI 2222 n=10	This will be done in semester 5 (spring 2020)
3. Student will demonstrate age appropriate communication	1. Pediatric Clinical Competency Exam, question 1, semester 4	Students will average a ≥ 2 (scale 1-3)	2.2 c/o 19 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 20 n=13	Met- No Action Required At this time we had 6 students.

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	Students will average a ≥ 3 (scale 1-5) in semester 2 and ≥ 4 in semester 5	3.1 semester 2 c/o 19 n=7 4.2 semester 5 c/o 19 n=6 3.4 semester 2 c/o 20 n= 13	Met- No Action Required Met- No Action Required
	2. 12 month post-graduate employer evaluation, question 10	Graduate will average ≥ 3 (scale 1-5)	4.5 c/o 18 n= 12 c/o 19 n=6	6 of 12 evaluations returned- c/o 2018 Evaluations will be sent in July 2020
2. Students/graduates will demonstrate ethical behavior in the clinical setting	1. Clinical growth form, question 7, semester 2 and 5	Students will average a ≥ 3 (scale 1-5) in semester 2 and ≥ 4 in semester 5	3.3 semester 2 c/o 19 n=7 4.4 semester 5 c/o 19 n=6 3.1 semester 2 c/o 20 n=13	Met- No Action Required Met- No Action Required Met- No Action Required
	2. 12 month post-graduate employer evaluation, question 2	Graduate will average ≥ 3 (scale 1-5)	4.5 c/o 18 n=12 c/o 19 n=6	6 of 12 evaluations returned- c/o 18 Evaluations will be mailed in July 2020 for c/o 2019

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	<p>1. Procedure lab assessment evaluation, question 5, semester 2</p> <p>2. Trauma evaluation, question 5, semester 4</p>	<p>Students will average a ≥ 3 (scale 1-5)</p> <p>Students will average a ≥ 3 (scale 1-5)</p>	<p>c/o 20 n= 10</p> <p>4.2 c/o 19 n= 6 c/o 20 n= 10</p>	<p>Will be done next semester (spring 2020)</p> <p>Gave remediation assignment to students scoring below a 3 on evaluations. Will be evaluating c/o 20 at the end of fall semester</p>
2. Student will appropriately critique radiographs	<p>1. Film critique in RADI 2442 and RADI 2222, semester 5</p> <p>2. Clinical Competency Form (gold sheet) section VIII semester 2 and 5</p>	<p>Students will average a $\geq 80\%$</p> <p>Students will average a ≥ 2 (scale 1-3)</p>	<p>c/o 19 RADI 2442 80% n=6 RADI 2222 83% n=6</p> <p>2.1 semester 2 c/o 19 n=7 2.3 semester 5 c/o 19 n=6</p>	<p>Met for RADI 2222 and RADI 2442. Individuals scoring below 80% were reviewed on their films with the instructor.</p> <p>Met- No Action Required</p>

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 19 n=6	Met- No Action Required 6/6 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	71% c/o 20 n=10	14 were accepted. 2 failed for academic reasons. 2 withdrew passing they just decided to change their major. If the ones we had no control over (changed major) 86%.
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)	c/o 19 n=6	c/o 19- evaluations will be mailed in July 2020.
4. Graduates will be employed within 12 months of graduation	1. Annual job placement/exit evaluation, question 1 2. 12 month post-graduate evaluation	≥90% report employment in the field within 12 months of graduation ≥90% report employment in the field within 12 months of graduation	83% c/o 19 n=6 c/o 19 n=6	c/o 19- were 6 of 6 answered employed on question 1 of exit eval at the time of graduation. Post graduate evals will be sent out July 2020 to see if the 1 student is now employed. Post graduate evals will be sent out in July 2020.

<p>5. Student satisfaction with overall training</p>	<p>1. 12 month post-graduate evaluation, question 1</p> <p>2. Exit Evaluation, question 2</p>	<p>≥90% of graduates reporting will rate overall satisfaction with their education ≥3 (scale 1-5)</p> <p>90% of graduates reporting will rate overall satisfaction with their education ≥3 (scale 1-5)</p>	<p>c/o 19 n=6</p> <p>100% c/o 19 4.5 n=6</p>	<p>c/o 19- Evaluations will be mailed out in July 2020</p> <p>6 of 6 exit evaluations were surveyed.</p>
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