

**Southeast Arkansas College  
Radiologic Technology Program  
Plan for Assessment and Evaluation  
August 2022-July 2023**

**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)

<b>Outcomes</b>	<b>Assessment Method and Frequency</b>	<b>Expected Outcome</b>	<b>Actual Outcome</b>	<b>Action</b>
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)	<b>2.1</b> semester 2 c/o 22 n= 12 <b>2.4</b> semester 5 c/o 22 n= 10	<u>MET</u> - we met this outcome compared to last year but I would still like to see this higher.
	2. Clinical growth form, question 3, semester 2 and 5	Students will average $a \geq 3$ (scale 1-5) in semester 2 and $\geq 4$ in semester 5	<b>3.2</b> semester 2 c/o 22 n= 12 <b>4.4</b> semester 5 c/o 22 n= 10	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 $\geq 4$ in semester 5 (scale 1-5)	<b>3.1</b> semester 2 c/o 23 n=14 <b>4.5</b> semester 5 c/o 23 n=14	Met- No Action Required
	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).	<b>2.3</b> semester 2 c/o 23 n= 14 <b>2.5</b> semester 5 c/o 23 n=14	
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	<b>100%</b> <b>86%</b> c/o 23 n=16 <b>83%</b> c/o 24 n=11	Met- No Action Required
	2. Clinical Final Competency exams, question 3, semester 5	Students will average $a \geq 2$ (scale 1-3)	<b>2.4</b> c/o 22 n=10	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  2. Powerpoint Presentation, semester 5, RADI 2223	Students will average $\geq 80\%$ on film critique  Students will average $\geq 80\%$ on powerpoint presentation	c/o 22 RADI 2442 <b>85%</b> n=10 RADI 2223 <b>84%</b> n=10  c/o 23 <b>84%</b> RADI 2223 n=14	Met for RADI 2223 and RADI 2442. Individuals scoring below 80% were reviewed on their films with the instructor.
2. Student will demonstrate age appropriate communication	1. Pediatric Clinical Competency Exam, question 1, semester 4  2. Clinical Interval Check, question 1, semester 2	Students will average $a \geq 2$ (scale 1-3)  Students will average $a \geq 2$ (scale 1-3)	<b>2.1</b> c/o 22 n=10  <b>2.3</b> c/o 23 n=14	Met- No Action Required  Met- No Action Required

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

<b>Outcomes</b>	<b>Assessment Method and Frequency</b>	<b>Expected Outcome</b>	<b>Actual Outcome</b>	<b>Action</b>
1. Students/graduates will demonstrate professionalism in the clinical setting	1. Clinical growth form, question 4, semester 2 and 5	Students will average a $\geq 3$ (scale 1-5) in semester 2 and $\geq 4$ in semester 5	<b>3.2</b> semester 2 c/o 22 n=12 <b>4.5</b> semester 5 c/o 22 n=10 <b>3.3</b> semester 2 c/o 23 n= 14	Met- No Action Required  Met- No Action Required
	2. 12 month post-graduate employer evaluation, question 10	Graduate will average $\geq 3$ (scale 1-5)	<b>100%</b> (4.0) c/o 21 n= 5  <b>100%</b> (4.6) c/o 22 n=10	2 of 5 evaluations returned- c/o 2021  6 of 10 evals were returned-c/o 2022
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 $\geq 3$ (scale 1-5) in semester 2 and $\geq 4$ in semester 5	<b>3.2</b> semester 2 c/o 22 n=12 <b>4.2</b> semester 5 c/o 22 n=10  <b>3.5</b> semester 2 c/o 23 n=14	Met- No Action Required  Met- No Action Required  Met- No Action Required
	2. 12 month post-graduate employer evaluation, question 2	Graduate will average $\geq 3$ (scale 1-5)	<b>100%</b> (5.0) c/o 21 n=5  <b>100%</b> (5.0) c/o 22 n=10	2 of 5 evaluations returned- c/o 2021  6 of 10 evals were returned-c/o 2022

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

<b>Outcomes</b>	<b>Assessment Method and Frequency</b>	<b>Expected Outcome</b>	<b>Actual Outcome</b>	<b>Action</b>
1. Student will adapt to non-routine imaging procedure	1. Procedure lab assessment evaluation, question 5, semester 2	Students will average a $\geq 3$ (scale 1-5)	<b>3.4</b> c/o 23 n= 14	Students not performing well were given remediation in the lab.
	2. Trauma evaluation, question 5, semester 4	Students will average a $\geq 3$ (scale 1-5)	<b>3.6</b> c/o 22 n= 10 <b>4.4</b> c/o 23 n= 14	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 22 RADI 2442 <b>85%</b> n=10 RADI 2223 <b>84%</b> n=10	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 $\geq 2$ (scale 1-3)	<b>2.2</b> semester 2 c/o 22 n=12 <b>2.6</b> semester 5 c/o 22 n=10	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	<b>92%</b> c/o 22 n=10	Met- No Action Required 9/10 passed on 1 <sup>st</sup> attempt. The 1 passed on her 2 <sup>nd</sup> attempt
2. Students will successfully complete program in 24 months	1. Retention of students throughout the program	≥ 75% retention from year throughout the program	<b>88%</b> c/o 23 n=14	16 started the progrm. 2 <i>failed</i> for academic reasons
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)	100% (4.8) c/o 22 n=10	c/o 22- 6 of 10 evaluations were returned
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	<b>100%</b> c/o 22 n=10	c/o 22- 9 of 10 answered employed on question 1 of exit eval at the time of graduation. Post graduate evals will be sent out July 2023. The 1 that answered no on the exit eval was employed within 3 months of graduation
	2. 12 month post-graduate evaluation	≥90% report employment in the field within 12 months of graduation	<b>100%</b> c/o 22 n=10	c/o 22- 5 of 10 evaluations were returned

<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>100% (4.8) c/o 22 n=10</p> <p><b>100%</b> c/o 22 <b>4.6</b> n=10</p>	<p>c/o 22- 5 of 10 evaluations were returned</p>
------------------------------------------------------	-----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------	--------------------------------------------------