





6. Clinical Coordinator/Program Director will have constant interaction with the student's clinical instructors to make sure they are gaining proper supervision.	Email/Phone Calls/Site Visits	Feedback from the Clinical Instructors	Each student will practice MRI safety, correct positioning and set-up of the exam, proper coil selection, proper technical parameters, and professionalism to make a good technologist.	Spring and Summer Semesters	Program Director and Clinical Coordinator	Monthly emails or phone calls with the CIs and the students.  Clinical site visits or zoom during each rotation.	Met Benchmark. No Action Necessary.
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GOAL #2: Provide didactic and clinical experiences that lead to research in educational, professional, or health care issues relating to magnetic resonance imaging and computed tomography.

Outcomes	Assessment Method	Assessment Tool	Benchmark	Time Frame for Evaluation	Person Responsible	Analysis	Action
1. Students demonstrate essential skills to plan and execute research on a research paper and a case study.	Students will be evaluated on two research assignments.	Grades on the required research projects while at clinical rotations.	Students will achieve an average score of 85% on assignments.	Spring and Summer Semester During program	Program Director	Research paper and Case study were returned for corrections until an 85% was achieved.	Met Benchmark. No Action Necessary.
2. Students will continue studying for the ARRT MRI exam through a variety of homework.	Homework Assignments	ARRT Content Specifications Mock Board Registries Weekly Review Questions Homework Assignments about the equipment they work on.	Students will receive an "A" in RAD 404, RAD 414, RAD 424, and RAD 434.	Spring and Summer Semesters	Program Director	ARRT Content specifications all were completed. Mock Board registries were completed. Weekly Review Questions were completed. Homework assignments were completed. Must receive a 77% or higher to move forward in the Program.	Met Benchmark. It was a requirement to correct missed answers on the mock tests to achieve a 100%.

GOAL #3: Provide avenues to students for professional development and growth within the profession.

Outcomes	Assessment Method	Assessment Tool	Benchmark	Time Frame for Evaluation	Person Responsible	Analysis	Action
1. Students will gain a strong understanding of the professional requirements within the MRI field.	Student will write a professionalism paper.	Completion of paper.	100% of students will proficiently complete this assignment.	Summer Semester	Program Director	All professionalism papers were submitted.	Met Benchmark. No Action Necessary.
2. Graduates will participate in CE activities for their certifications.	Graduates will be surveyed approximately 6 and 12 months post-graduation.	Graduate Surveys	25% of the graduates will start earning CE credits.	Spring and Fall Semesters Post-Graduation	Program Director	Question 13 on the graduate survey. Have you begun participating in CE for your certifications, (Yes or No). -No-5 -Yes-6	Met Benchmark

Goal #4: Provide avenues for students to develop and apply skills in effective communication, analytical and critical thinking and problem solving necessary for successful MRI and CT Practice.



						Question H 4.88 Question I 4.75 Question J 4.88 Question K 4.88 Question L 4.88 Question M 4.88 Question N 4.88  <b>12-Month Post Graduation</b> Question A 5.0 Question B 5.0 Question C 5.0 Question D 5.0 Question E 5.0 Question F 5.0 Question G 5.0 Question H 5.0 Question I 4.0 Question J 5.0 Question K 5.0 Question L 5.0 Question M 5.0 Question N 5.0	Met Benchmark for 12-month survey
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Goal #6: Provide a clinical and didactic environment, which leads to the development of clinical skills and competence appropriate to an entry level magnetic resonance imaging and computed tomography technologist.

Outcomes	Assessment Method	Assessment Tool	Benchmark	Time Frame for Evaluation	Person Responsible	Analysis	Action
1. Students will be clinically competent upon graduation	Students' clinical competencies	Clinical Competency Evaluations	Each students will complete 100% of the suggested competencies	Spring and Summer Semester During program	Program Director	All ARRT Competencies had to be met in order for sign off by the program director to sit for their examinations.	Met Benchmark. No Action Necessary.
2. Students demonstrate continual improvement of skills as they progress through the program.	Clinical Performance Evaluations are completed after each clinical rotation	Monitored 5 times during Spring and Summer semesters.	Students are evaluated as either "Acceptable" or Unacceptable" during clinical site visit.	Spring and Summer During the Program	Program Director	All students averaged an 80% or higher.	Met Benchmark. No Action Necessary.
3. Students demonstrate professional development and growth as a result of didactic and clinical experiences.	Clinical Performance Evaluations are completed during each clinical rotation.	Monitored 5 times during Spring and Summer.	Students will achieve an average score of $\geq 4$ on a scale 0-5. "Acceptable" or Unacceptable"	Spring and Summer During the Program	Program Director	All students averaged an 80% or higher.	Met Benchmark. No Action Necessary.
4. Students are satisfied with their clinical site internships.	End of Clinical Rotation Evaluations are completed after the students clinical rotation.	End of Clinical Rotation Evaluation	Facilities will achieve an average score of $\geq 4$ on a scale 0-5. "Acceptable" or Unacceptable"	Spring and Summer Semesters	Program Director	<b>MHC</b> Question 1 5.0 Question 2a 5.0 Question 2b 5.0 Question 3 5.0 Question 4 4.5 Question 5 5.0  <b>Barnes</b> Question 1 5.0 Question 2a 4.0 Question 2b 5.0 Question 3 5.0	Met Benchmark. No Action Necessary.

						Question 4	5.0	
						Question 5	4.0	
						<b>Ascension</b>		
						Question 1	5.0	
						Question 2a	5.0	
						Question 2b	5.0	
						Question 3	5.0	
						Question 4	5.0	
						Question 5	5.0	
						<b>St. Joe's</b>		
						Question 1	4.0	
						Question 2	5.0	
						Question 3	5.0	
						Question 4	3.0	
						Question 5	5.0	
						<b>Belleville</b>		
						Question 1	5.0	
						Question 2a	5.0	
						Question 2b	5.0	
						Question 3	5.0	
						Question 4	5.0	
						Question 5	5.0	
						<b>Herrin</b>		
						Question 1	4.75	
						Question 2a	4.0	
						Question 2b	5.0	
						Question 3	4.5	
						Question 4	4.5	
						Question 5	4.4	
						<b>Lourdes</b>		
						Question 1	4.25	
						Question 2a	5.0	
						Question 2b	3.5	
						Question 3	3.5	
						Question 4	3.0	
						Question 5	3.75	
						<b>Southeast</b>		
						Question 1	5.0	
						Question 2a	5.0	
						Question 2b	5.0	
						Question 3	5.0	
						Question 4	4.5	
						Question 5	5.0	
						<b>St. Francis</b>		
						Question 1	5.0	
						Question 2a	5.0	
						Question 2b	5.0	
						Question 3	4.5	
						Question 4	4.25	
						Question 5	5.0	



**PROGRAM EFFECTIVENESS OUTCOMES**

Outcomes	Assessment Method	Assessment Tool	Benchmark	Time Frame for Evaluation	Person Responsible	Analysis	Action
1. Graduates will pass ARRT either the MRI or CT certification exam on first attempt.	Check the ARRT Educator Website	ARRT Website	A five year average of 80% of the graduates will pass the credentialing exam on first attempt	Fall Semester and up to 6 months Post-graduation	Program Director	<b>MRI PASS RATES FIVE YEAR AVERAGE</b> 2019-100% 2020-80% 2021-100% 2022-100% 2023-100% <b>Averages a 96%.</b>  <b>CT PASS RATES FIVE YEAR AVERAGE</b> 2019-95% 2020-93% 2021-100% 2022-92% 2023-100% <b>Averages a 96%</b>	Met Benchmark for CT and MRI examinations
2. Graduates will have employment within the MRI and/or CT profession post-graduation.	Students will complete the employment survey during finals review week Spring semester and complete the graduate survey 6 and 12 months post-graduation.	Graduate Survey	80% of the graduates will have employment within six months post-graduation. Five year average.	Approximately 6 and 12 months post-graduation Spring Semester	Program Director	<b>Question 5:</b> -Yes and -No Yes-11 No-0 Haven't looked	Met Benchmark. No Action Necessary.
3. Students who start the program will complete the program.	Program completion rates	Program Completion Rate/Student Retention Rate.	80% of the students starting the program will graduate from the program.	Summer Semester During program	Program Director	16 of the 17 students completed the program with a 94% program completion rate.	Met Benchmark. No Action Necessary.  The student failed the Spring semester due to turning in late assignments.
4. Graduates will evaluate the program positively.	Students will complete the graduate survey.	Graduate survey. Six Month	The returned graduate surveys will reflect average score of $\geq 4$ on a scale of 1-5 on ("exceptional" or "adequate") response on item #11.	Spring Semester Post-graduation	Program Director	<b>Six Month Survey:</b> <b>Question 1 Response:</b> <ul style="list-style-type: none"> <li>Patient care, scanning, out of the box thinking, cross sectional anatomy.</li> </ul> <b>Question 2 Response:</b> <ul style="list-style-type: none"> <li>Making new protocols, tradeoffs/artifacts, more in-depth MRI safety, and parameters.</li> </ul> <b>Question 3 Response:</b> <ul style="list-style-type: none"> <li>CT class, anatomy, the encouragement from the teachers, and pathology.</li> </ul> <b>Question 4 Response:</b>	Met Benchmark Switched to Survey Monkey for this year.



						<ul style="list-style-type: none"> <li>• More in-depth MRI, no improvements needed.</li> </ul> <p><b>Question 5 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes-11</li> <li>• No-0</li> <li>• Haven't looked-0</li> </ul> <p><b>Question 6 Response:</b></p> <ul style="list-style-type: none"> <li>• CT- Yes 11 No 0</li> <li>• MRI- Yes 9 and No 2</li> </ul> <p><b>Question 7 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes,11 No 0</li> </ul> <p><b>Question 8 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes, 11 No 0</li> </ul> <p><b>Question 9 Response:</b></p> <ul style="list-style-type: none"> <li>• 9 Strongly Agree</li> <li>• 2 Agree</li> </ul> <p><b>Question 10 Response:</b></p> <ul style="list-style-type: none"> <li>• 9 Strongly Agree</li> <li>• 2 Agree</li> </ul> <p><b>Question 11 Response:</b></p> <ul style="list-style-type: none"> <li>• 8 Strongly Agree</li> <li>• 3 Agree</li> </ul> <p><b>Question 12 Response:</b></p> <ul style="list-style-type: none"> <li>• 9 Strongly Agree</li> <li>• 2 Agree</li> </ul> <p><b>Question 13 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes-6</li> <li>• No-5</li> </ul> <p><b>Question 14 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes-11</li> <li>• No-0</li> </ul> <p><b>Question 15 Responses:</b></p> <ul style="list-style-type: none"> <li>• 9 Excellent</li> <li>• 2 Very Good</li> </ul> <p><b>12 Month Survey</b></p> <p><b>Question 1 Response:</b></p> <ul style="list-style-type: none"> <li>• Patient care, contrast timing, scanning, and cross-sectional anatomy.</li> </ul> <p><b>Question 2 Response:</b></p> <ul style="list-style-type: none"> <li>• More in-depth MRI safety, difference of scanning on different scanners, and parameters.</li> </ul> <p><b>Question 3 Response:</b></p> <ul style="list-style-type: none"> <li>• Explaining more CT fundamentals, MRI class was rough, and no improvements needed.</li> </ul> <p><b>Question 4 Response:</b></p> <ul style="list-style-type: none"> <li>• Jen, sectional anatomy, physics, teacher caring about students, in-class</li> </ul>	
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						<p>activities and handouts, and positioning</p> <p><b>Question 5 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes-7</li> <li>• No-0</li> <li>• Haven't looked-0</li> </ul> <p><b>Question 6 Response:</b></p> <ul style="list-style-type: none"> <li>• CT- Yes 7 No 0</li> <li>• MRI- Yes 7 and No 0</li> </ul> <p><b>Question 7 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes,7 No 0</li> </ul> <p><b>Question 8 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes, 7 No 0</li> </ul> <p><b>Question 9 Response:</b></p> <ul style="list-style-type: none"> <li>• 7 Strongly Agree</li> </ul> <p><b>Question 10 Response:</b></p> <ul style="list-style-type: none"> <li>• 6 Strongly Agree</li> <li>• 1 Agree</li> </ul> <p><b>Question 11 Response:</b></p> <ul style="list-style-type: none"> <li>• 5 Strongly Agree</li> <li>• 2 Agree</li> </ul> <p><b>Question 12 Response:</b></p> <ul style="list-style-type: none"> <li>• 6 Strongly Agree</li> <li>• 1 Agree</li> </ul> <p><b>Question 13 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes-3</li> <li>• No-4</li> </ul> <p><b>Question 14 Response:</b></p> <ul style="list-style-type: none"> <li>• Yes-7</li> <li>• No-0</li> </ul> <p><b>Question 15 Responses:</b></p> <ul style="list-style-type: none"> <li>• 6 Excellent</li> <li>• 1 Very Good</li> </ul>	
5. Employers will evaluate the program positively	Employers will complete the Employer Survey	Employer survey.	The returned employer surveys will reflect average score of $\geq 4$ on a scale of 1-5 on ("Excellent" or "Very Good") response to item #IV.	Spring Semester Post-graduation	Program Director	<p>The overall quality of this program's graduates-Question N on the Employer Survey.</p> <p>The overall quality of the program's graduate-</p>	4.88 for 6- Month 5.00 for 12-Month