

**2017-2018 AAS Radiologic Technology
Student Outcome Assessment Data**

Goal 1: Students will be clinically competent, entry-level registry eligible radiologic technologists.												
Student Learning Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Report Year	Score	Semester Measures					
1.1 Students will apply positioning skills	Clinical Proficiency Evaluation: Question 19 Example: (Positioning skills - Consistently)	Cohort average of 3.0 (Likert Scale 1-5)	Semester 3/Semester 4 8/19 cohort	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring					
					2018		Summer			4.17		
					2017	4.59	Fall			5	4.28	
					2016	4.28						
					5-Year Avg.	4.48						
1.2 Students will apply positioning skills	Clinical Proficiency Evaluation: Question 19 Example: (Positioning skills - Consistently)	Cohort average of 4.0 (Likert Scale 1-5)	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			4.6		
					2018	4.60	Summer			4.78		
					2017	4.78	Fall					
					2016							
					5-Year Avg.	4.69						
1.3 Students will select appropriate technical factors	Clinical Proficiency Evaluation: Question 29 Example: (Student manipulates technical factors without assistance)	Cohort average of 3.0 (Likert Scale 1-5)	Semester 3/Semester 4 8/19 cohort	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring					
					2018		Summer			3.92		
					2017	4.21	Fall			4.5	4.17	
					2016	4.17						
					5-Year Avg.	4.20						
1.4 Students will select appropriate technical factors	Clinical Proficiency Evaluation: Question 29 Example: (Student manipulates technical factors without assistance)	Cohort average of 4.0 (Likert Scale 1-5)	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			4.33		
					2018	4.33	Summer			4.5		
					2017	4.50	Fall					
					2016							
					5-Year Avg.	4.42						
Goal 2: Students will communicate effectively.												
Student Learning Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Report Year	Score	Semester Measures					
2.1 Students will use effective oral communication skills.	Clinical Proficiency Evaluation: Question 31 Example: (good patient care, good communication skills, high professional behavior)	Cohort average of 3.0 (Likert Scale 1-5)	Semester 2/Semester 3 8/19 cohort	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			4.89	4.86	
					2018	4.89	Summer			4.83	4.97	
					2017	4.85	Fall					
					2016	4.97						
					5-Year Avg.	4.89						
2.2 Students will use effective oral communication skills.	Clinical Proficiency Evaluation: Question 31 Example: (good patient care, good communication skills, high professional behavior)	Cohort average of 4.0 (Likert Scale 1-5)	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			5		
					2018	5.00	Summer			5		
					2017	5.00	Fall					
					2016							
					5-Year Avg.	5.00						

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2.3 Students will practice written communication skills.	Virtual Clinical Conference Rubric	Cohort average of \geq 80%	Semester 2/ Semester 3 8/19 cohort	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			90	97.55	
					2018	90.00	Summer			98.1	99.76	
					2017	97.83	Fall					
					2016	99.76						
					5-Year Avg.	96.35						
2.4 Students will practice written communication skills.	Virtual Clinical Conference Rubric	Cohort average of \geq 90%	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			100		
					2018	100.00	Summer			99.2		
					2017	99.20	Fall					
					2016							
					5-Year Avg.	99.60						
Goal 3: Students will demonstrate critical thinking.												
3.1 Students will analyze images	Basic Procedures -Image Analysis Measurement Average of Image Analysis Quizzes	Cohort average of 76%	Semester 2 Flex I	Faculty	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			89.88	93.39	
					2018	92.17	Summer			94.45	84.05	81.75
					2017	88.72	Fall					
					2016	81.75						
					5-Year Avg.	88.70						
3.2 Students will analyze images	Advanced Procedures -Image Analysis Measurement Average of Image Analysis Quizzes	Cohort average of 80%	Semester 3 Flex I	Faculty	2020		Sem.	2020	2019	2018	2017	2016
					2019	#DIV/0!	Spring					
					2018	98.89	Summer			98.89	95.47	
					2017	93.52	Fall			91.56	82.17	
					2016	82.17						
					5-Year Avg.	92.02						
3.3 Students will analyze images	Clinical Proficiency Evaluation: Question 21 Example: (Student properly critiques images and correctly assesses for artifacts or need for repeat)	Cohort average of 3.0 (Likert Scale 1-5)	Semester 2/ Semester 3 8/19 cohort	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			4.31	4.21	
					2018	4.31	Summer			4.33	4.24	
					2017	4.27	Fall					
					2016	4.24						
					5-Year Avg.	4.27						
3.4 Students will analyze images	Clinical Proficiency Evaluation: Question 21 Example: (Student properly critiques images and correctly assesses for artifacts or need for repeat)	Cohort average of 4.0 (Likert Scale 1-5)	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
					2019		Spring			4.73		
					2018	4.73	Summer			4.72		
					2017	4.72	Fall					
					2016							
					5-Year Avg.	4.73						

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Student Learning Outcome		Measurement Tool	Benchmark	Timeframe	Responsible Party	Report Year	Score	Semester Measures					
3.5	Students will be able handle difficult situations in a trauma or pediatric setting.	Clinical Proficiency Evaluation: Question 15 Example: (handled difficult situation with authority and ease)	Average of 3.0 (Likert Scale 1-5)	Semester 4	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
						2019		Spring			4.53	4.44	
						2018	4.53	Summer					
						2017	4.60	Fall				4.75	
						2016							
						5-Year Avg.	4.57						
3.6	Students will be able handle difficult situations in a pediatric setting.	Clinical Proficiency Evaluation: Question 15 Example: (handled difficult situation with authority and ease)	Average of 4.0 (Likert Scale 1-5)	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
						2019		Spring			4.53		
						2018	4.53	Summer				4.78	
						2017	4.78	Fall					
						2016							
						5-Year Avg.	4.66						
Goal 4: Students will model professionalism.													
4.1	Students will demonstrate professional behavior	Professional Development Evaluation	> 85% Avg. score of all students	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
						2019		Spring			99		
						2018	99.00	Summer				97	
						2017	97.00	Fall					
						2016							
						5-Year Avg.	98.00						
4.2	Students will demonstrate professionalism with patients.	Clinical Proficiency Evaluation: Question 31 Example: (good patient care, good communication skills, high professional behavior)	Average of 3.0 (Likert Scale 1-5)	Semester 2/Semester 3 8/19 cohort	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
						2019		Spring			5	4.86	
						2018	5.00	Summer				4.83	4.97
						2017	4.85	Fall					
						2016	4.97						
						5-Year Avg.	4.92						
4.3	Students will demonstrate professionalism with patients.	Clinical Proficiency Evaluation: Question 31 Example: (good patient care, good communication skills, high professional behavior)	Average of 4.0 (Likert Scale 1-5)	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
						2019		Spring			5		
						2018	5.00	Summer				5	
						2017	5.00	Fall					
						2016							
						5-Year Avg.	5.00						
4.4	Students will demonstrate professional and ethical behavior.	Clinical Proficiency Evaluation: Question 31 Example: (good patient care, good communication skills, high professional behavior)	Average of 3.0 (Likert Scale 1-5)	Semester 2/Semester 3 8/19 cohort	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
						2019		Spring			5	4.86	
						2018	5.00	Summer				4.83	4.97
						2017	4.85	Fall					
						2016	4.97						
						5-Year Avg.	4.92						
4.5	Students will demonstrate professional and ethical behavior.	Clinical Proficiency Evaluation: Question 31 Example: (good patient care, good communication skills, high professional behavior)	Average of 4.0 (Likert Scale 1-5)	Semester 5	Clinical Coordinator	2020		Sem.	2020	2019	2018	2017	2016
						2019		Spring			5		
						2018	5.00	Summer				5	
						2017	5.00	Fall					
						2016							
						5-Year Avg.	5.00						
Change of Timeframe due to course order change													