Carolinas College of Health Sciences

Radiologic Technology Program

Goals, Outcomes and Program Effectiveness

Program Mission Statement

Carolinas College of Health Sciences Radiologic Technology Program engages, educates, and provides graduate technologists with a foundation in the performance of entry-level diagnostic procedures in a variety of healthcare settings.

Program Goals and Expected Outcomes

Carolinas College Core Values	College SLOs	Definition	Program SLOs
Commitment Integrity	Communicate	Use oral and written communication effectively	The student will demonstrate effective written and oral communication skills in clinical performance; demonstrate effective written and oral communication in didactic performance; and demonstrate progression in achieving information literacy skills during the course of their program
Commitment Integrity	Consider	Integrate theory and evidence to make sound decisions, solve problems, and evaluate results	Students can adjust exposure factors and vary positioning techniques for a variety of patient conditions to maintain radiographic quality; and evaluate radiographic images for appropriate positioning and image quality
Teamwork	Collaborate	Work as an effective team member to achieve objectives	Students will demonstrate sound professional behaviors through development of interpersonal skills and relationships in the medical environment
Commitment Integrity	Cultivate	Engage in professional behaviors to promote self-directed growth	Students will demonstrate sound professional behaviors through development of interpersonal skills and relationships in the medical environment; show evidence of

			participation in community and professional development activities that promote lifelong learning; and demonstrate The Atrium Health Behaviors in the clinical environment
Caring	Connect	Build and maintain relationships with others from various professions, perspectives, and practices	Students will demonstrate sound professional behaviors through development of interpersonal skills and relationships in the medical environment; show evidence of participation in community and professional development activities that promote lifelong learning; and demonstrate The Atrium Health Behaviors in the clinical environment
	Content	Understanding and applying a core body of knowledge in their chosen field of study	Students will demonstrate quality patient care; demonstrate knowledge of radiographic positioning and techniques; and will practice radiation protection and safety for the patient, self and others

Program Effectiveness Data

Program Completion Rate: This is a measurement that is determined by comparing the number of students that graduated from the program to the actual number of students from that cohort that actually started the program. The program completion rate for the class that graduated in 2018 was 78% (18 students started the program and 14 of those 18 students graduated from the program).
Calendar Year: Jan. 1 through Dec. 31

Year of Program Completion	Percent Completion	Number of Students
2008	75%	20 started, 15 graduated
2009	70%	20 started, 14 graduated
2010	70%	20 started, 16 graduated
2011	75%	20 started, 15 graduated

2012	58%	18 started, 11 graduated
5 year average (2008-2012) = 72%		
2013	74%	19 started, 14 graduated
5 year average (2009-2013) = 71.4%		
2014	89%	18 started, 16 graduated
5 year average (2010-2014) = 75.1%		
2015	72%	18 started, 13 graduated
5 year average (2011-2015) = 73.5%		
2016	72%	18 started, 13 graduated
5 year average (2012-2016) = 73.6%		
2017	67%	18 started, 12 graduated
5 year average (2013-2017) = 74.7%		
2018	78%	18 started, 14 graduated
5 year average (2014-2018) = 75.6%		

Job Placement Rate: This is a measurement that is determined by comparing the number of students who were eligible for placement upon graduation to the actual number of graduates placed within twelve months of graduation. The five-year average job placement rate is not less than 75% within twelve months following graduation.

Year of Completion	Percent job placement within 12 months of graduation	Number of graduates actively seeking employment
2008	93%	14 of 15 seeking employment were employed within 12 months of graduation

Year	Rate	Detail
2009	85%	12 of 14 seeking employment were employed within 12 months of graduation
2010	75%	12 of 16 seeking employment were employed within 12 months of graduation
2011	86.7%	13 of 15 seeking employment were employed within 12 months of graduation
2012	100%	10 of 10 seeking employment were employed within 12 months of graduation
5 year average (2008-2012) = 88%		
2013	92%	11 of 12 seeking employment were employed within 12 months of graduation
5 year average (2009-2013) = 87.4%		
2014	100%	16 of 16 seeking employment were employed within 12 months of graduation
5 year average (2010-2014) = 90.7%		
2015	100%	12 of 12 seeking employment were employed within 12 months of graduation
5 year average (2011-2015) = 95.7%		
2016	100%	13 of 13 seeking employment were employed within 12 months of graduation
5 year average (2012-2016) = 98.4%		
2017	100%	10 of 10 seeking employment were employed within 12 months of graduation
5 year average (2013-2017) = 98.4%		
2018	100%	14 of 14 seeking employment were employed within 12 months of graduation
5 year average (2014-2018) = 100%		

Certification Pass Rate: The five-year average credentialing examination (American Registry of Radiologic Technologists radiography examination) pass rate of not less than 75 percent on first attempt within six months of graduation.

Year	Percent passing on first attempt	Number of students examined (first attempt)
2008	100%	15 of 15 students passed on 1st attempt
2009	100%	14 of 14 students passed on 1st attempt
2010	100%	16 of 16 students passed on 1st attempt
2011	100%	15 of 15 students passed on 1st attempt
2012	100%	11 of 11 students passed on 1st attempt
5 year average (2008-2012) = 100%		
2013	100%	14 of 14 students passed on 1st attempt
5 year average (2009-2013) = 100%		
2014	100%	16 of 16 students passed on 1st attempt
5 year average (2010-2014) = 100%		
2015	100%	13 of 13 students passed on 1st attempt
5 year average (2011-2015) = 100%		
2016	100%	13 of 13 students passed on 1st attempt
5 year average (2012-2016) = 100%		
2017	100%	12 of 12 students passed on 1st attempt
5 year average (2013-2017) = 100%		
2018	100%	14 of 14 students passed on 1st attempt
5 year average (2014-2018) = 100%		