

Riverland Community College Radiography Program Program Effectiveness Data

Program Mission

The Riverland Community College Radiography Program's mission is to educate students to become competent radiologic technologists who provide exceptional service to the community.

Student Learner Goals and Outcomes

Goal 1. Students will be clinically competent.

- a. Produce radiographs of diagnostic quality.
- b. Demonstrate proper positioning skills
- c. Apply radiation protection appropriately to patients
- d. Select appropriate exposure techniques

Goal 2. Graduates will provide exceptional service to the community.

- a. Perform radiography at the entry level
- b. Write and pass the ARRT exam
- c. Retain the majority of admitted students
- d. Employ the students in jobs after graduation

Goal 3. Students will demonstrate critical thinking skills.

- a. Demonstrate clinical competency by producing quality radiographs with indirect supervision
- b. Critically evaluate radiographs in the clinical setting
- c. Critically review journal articles relevant to the profession
- d. Demonstrate age-specific competencies through appropriate behaviors with defined patient groups

Goal 4. Students/Graduates will effectively communicate with all individuals.

- a. Demonstrate effective communication skills with faculty and clinical instructors
- b. Demonstrate appropriate communication skills with patients

Goal 5. Students/Graduates will model professionalism.

- a. Actively participate in professional activities
- b. Apply professional values in the clinical setting
- c. Practice lifelong learning

RADIOGRAPHY PROGRAM PHILOSOPHY AND GRADUATE PROGRAM OUTCOMES

The Radiography Program faculty recognizes that work is one of the most important features of adult life and provides a powerful motive for learning. Learning associated with a professional endeavor has an important impact on the student's self-concept. Therefore, our philosophy is to maximize student potential through leadership, mentoring, and closely interrelated didactic and clinical educational experiences.

We believe professional education must prepare the graduate to be a competent radiographer, think analytically and creatively, develop critical thinking skills, expand with future innovations by

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developing life-long learning concepts, and facilitate better healthcare for society through cooperation and communication with other health practitioners. This program is designed to encourage the student's initiative and support his/her intellectual and emotional development toward the ultimate goal of becoming an excellent radiographer.

Goals and Outcomes

Upon completion of this program, the graduate will:

1. Eliminate unnecessary radiation exposure of patient, self, and others through application of "As Low As Reasonably Achievable" (ALARA) radiation protection principles.
2. Perform routine radiographic procedures required for an entry-level Radiologic Technologist as recognized by the American Registry of Radiologic Technologists (ARRT) guidelines.
3. Think critically and use independent judgment when evaluating radiographs for optimal positioning, exposure, radiation protection, and additional qualities.
4. Promote patient comfort and safety, and provide relevant patient care and communication with respect for diversity of culture, age and gender.
5. Recognize emergent and life-threatening situations, reacting efficiently and appropriately.
6. Integrate the use of standard precautions into imaging department routines.
7. Monitor performance of equipment systems through quality assessment evaluation and report deviations.
8. Promote own professional development through life-long learning activities and continuing education.
9. Facilitate optimal health care through effective communication and cooperation with other healthcare professionals.
10. Demonstrate professionalism in assigned duties within the legal and ethical parameters for radiologic technologists as outlined by the American Society of Radiologic Technologists (ASRT) Scope of Practice. <http://www.asrt.org/main/standards-regulations/practice-standards/practice-standards>

PROGRAM ACCREDITATION

The Radiography Program at Riverland Community College is a 24-month, 83 semester credit academic program that is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program has a full 8-year accreditation with the next review date in March of 2017. Regionally, Riverland Community College is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. Program Effectiveness data will be available on the JRCERT and Riverland Community College websites. Contact information for JRCERT:

Joint Review Committee on Education in Radiologic Technology (JRCERT)
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Chicago, IL 60606-3182
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Website: www.jrcert.org
E-mail: mail@jrcert.org

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Credentialing Examination Pass Rate

Five-year average credentialing examination (American Registry of Radiologic Technologists) Number of graduates who pass on first attempt within six (6) months of graduation date.

<u>Year</u>	<u># of Graduates who Took Exam</u>	<u>Number of Graduates that passed on 1st attempt</u>	<u>Percentage</u>
2012	11	9	82%
2013	14	13	93%
2014	14	14	100%
2015	14	14	100%
2016	15	13	87%
Total	68	63	Five Year Average = 93%

Annual Program Completion Rate (PCR)

Program completion rate is defined as the number of students who complete the program within 150% of the stated program length compared with the number of student who initially started with the cohort.

Riverland Community College Radiography annual benchmark for program completion is 75%.

<u>Year</u>	<u>Number of Students Initially Enrolled</u>	<u>Number of Graduates</u>	<u>Percent completion</u>
2012	15	9 students graduated; 5 voluntary withdrawals 1 dismissal for grades	60%
2013	16	14 students graduated; 2 voluntary withdrawals	88%
2014	16	14 students graduated; 2 voluntary withdrawals	88%
2015	16	14 students graduated; 2 voluntary withdrawals	88%
2016	17	15 students graduated; 2 voluntary withdrawals	88%

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Job Placement Rate (JPR) - is defined as the number of graduates employed in radiography within twelve months of graduation compared to the number of graduates actively seeking employment in the radiologic sciences.

<u>Year</u>	<u>Number of Graduates Actively versus Not Actively Seeking Employment</u>	<u>Number of Graduates Employed within twelve months of graduation</u>	<u>Percentage</u>
2012	6 of 9 graduates within 12 months of graduation 1 not actively seeking employment 2 continuing education	6 of 6 actively seeking employed within 12 months of graduation	100%
2013	13 graduates eligible for employment - 1 did not retake exam 8 of 13 students employed within 12 months of graduation 5 not actively seeking employment	8 of 8 actively seeking employed within 12 months of graduation	100%
2014	13 graduates eligible for employment 2 not actively seeking employment 1 continuing education	11 of 11 actively seeking employed within 12 months of graduation	100%
2015	13 graduates eligible for employment 1 continuing education	13 of 13 actively seeking employed within 12 months of graduation	100%
2016	13 graduates eligible for employment 1 continuing education	12 of 12 actively seeking employed within 12 months of graduation Unable to obtain communication after multiple attempts with 1 graduate	100%
			5 year average 100%

The JRCERT has defined “not actively seeking employment” as:

1. Graduate fails to communicate with program officials regarding employment status after multiple attempts
OR
2. Graduate is unwilling to seek employment that requires relocation
OR
3. Graduate is unwilling to accept employment due to salary or hours
OR
4. Graduate is on active military duty
OR
5. 5) Graduate is continuing education