



Minnesota State Community and Technical College

Radiologic Technology Program Program Effectiveness Data

Program Mission, Philosophy, Goals, and Student Learning Outcomes

Mission: The Radiologic Technology program at Minnesota State Community and Technical College is designed to create a rich academic environment using multiple delivery formats and to provide quality didactic and clinical education enhanced with innovative learning strategies which ensure graduates have the required knowledge and skills necessary to begin their careers as entry-level radiologic technologists.

Philosophy: Radiologic technology is a profession dedicated to assisting radiology and other medical disciplines toward the common goal of alleviating human suffering. A systematic process of education is required for equipping qualified individuals to become competent, contributing members of this profession. This educational process requires correlation of didactic, clinical and laboratory learning into a well-rounded, understandable and rewarding process. It must provide opportunities for acquiring personal competencies as well as understanding of the overall responsibilities of providing health care services. The personnel associated with this program are dedicated to assisting qualified individuals to become competent, capable and caring members of this profession.

Goals:

Goal 1: Graduates will have entry-level skills for employment in radiologic technology.

- Practice radiation protection for patient, self and others by applying the concepts of ALARA.
- Apply positioning skills.
- Demonstrate patient care skills.

Goal 2: Graduate students who use problem solving and critical thinking skills to produce quality images.

- Exercise independent judgment in areas of exposure factor manipulations involving all technical factors and equipment for procedures routinely performed in the clinical setting.
- Evaluate radiographs for appropriate anatomy, positioning and image quality.

Goal 3: Graduate students with professional and life-long learning attitudes.

- Conduct him/herself in a professional manner and abide by the Code of Ethics as outlined by the ASRT/ARRT.
- Evaluate the value of professional advancements.

Goal 4: Graduate students who possess and demonstrate effective communication skills.

- Communicate effectively in both medical and professional relationships.

Program Effectiveness Goals

- Graduate from a Joint Review Committee on Education in Radiologic Technology (JRCERT) accredited program.
- Possess the knowledge and skills employers seek to hire.

Student Learning Outcomes:

Graduates of the Radiologic Technology program will:

- 1. Communicate effectively in both medical and professional relationships.**
- 2. Demonstrate patient care skills.**
- 3. Apply positioning skills.**
- 4. Exercise independent judgment in areas of exposure factor manipulations involving all technical factors and equipment for procedures routinely performed in the clinical setting.**
- 5. Evaluate radiographs for appropriate anatomy, positioning and image quality.**
- 6. Conduct him/herself in a professional manner and abide by the Code of Ethics as outlined by the ASRT/ARRT.**
- 7. Practice radiation protection for patient, self and others by applying the concepts of ALARA.**
- 8. Evaluate the value of professional advancements.**
- 9. Graduate from a Joint Review Committee on Education in Radiologic Technology-accredited program.**
- 10. Possess the knowledge and skills employers seek to hire.**

Accreditation Information:

The Minnesota State Community and Technical College Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Contact information for the JRCERT:

JRCERT

20 N. Wacker Drive, Ste 2850

Chicago, IL 60606-3182

Phone: 312-704-5300

Fax: 312-704-5304

Website: www.jrcert.org

Email: mail@jrcert.org

Five Year Average Graduation, Placement, and Credentialing Exam Pass Rates:

Graduation Year	# Initially Enrolled	# of Graduates	Graduation Rate	Placement Rate (#of students seeking employment in the first 12 months after graduation employed)	ARRT Pass Rate (1st Attempt)
2009 on campus program	14	12	85%	10 of 11 91%	12 of 12 100%
2009 on-line program	13	10	77%	9 of 10 90%	10 of 10 100%
2010 on campus program	14	13	93%	9 of 12 75%	12 of 13 92%
2011 on campus program	14	12	86%	9 of 11 82%	12 of 12 100%
2011 on-line program	13	11	85%	5 of 8 63%	8 of 11 73%
2012 on campus program	14	13	93%	12 of 13 92%	13 of 13 100%
2013 on-line program	16	15	94%	13 of 13 91%	14 of 15 93%
Five Year Average	98	86	88%	86%	94%