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)
2014 on campus program	15	13	86%	12 of 13 92.3%	12 out of 13 92%
2015 on line program	16	14	87.5%	14 of 14 100%	14 out of 14 100%
2016 on campus program	16	13	81.25%	9 of 10 90%	10 of 13 77%
2017 on line program	16	15	93.75%	14 of 15 93.3%	15 of 15 100%
2018 on-campus program	14	10	71.4%	10 of 10 100%	10 of 10 100%
Five Year Average	**15.4**	**13**	**84.10%**	**95.12%**	**93.8%**