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

Institution Name: Minnesota State Community and Technical College

Program Type: Radiography

Degree Type: Associate of Applied Science Degree

Program Effectiveness Data

The following is the most current program effectiveness data. Our programmatic accreditation agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT), defines and publishes this information. Click here to go directly to the JRCERT webpage.

Credentialing Examination: The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate	number passed on 1st attempt divided by number attempted within 6 months of graduation
Year	**Results**
Year 1 - 2016	10 of 13 - 77%
Year 2 - 2017	15 of 15 - 100%
Year 3 - 2018	10 of 10 - 100%
Year 4 - 2019	15 of 15 - 100%
Year 5 - 2020	15 of 15 - 100%
Program 5-Year Average	**65 of 68 - 95.6%**

Job Placement: The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduating. The five-year average benchmark established by the JRCERT is 75%.

Job Placement Rate	number employed divided by number actively seeking employment within 12 months of graduation
Year	**Results**
Year 1 - 2016	9 of 10 - 90%
Year 2 - 2017	14 of 15 - 93%
Year 3 - 2018	10 of 10 - 100%
Year 4 - 2019	15 of 15 - 100%
Year 5 - 2020	15 of 15 - 100%
Program 5-Year Average	**63 of 65 - 96.9%**

Program Completion: The number of students who complete the program within the stated program length. The annual benchmark established by the program is 85%.

Program Completion Rate	number graduated divided by number started the program
Year	**Results**
Year 1 - 2019	15 of 16
Annual Completion Rate	**93.8%**