

RADIATION THERAPY TECHNOLOGY

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Job Description

Radiation Therapists apply knowledge of human anatomy and physiology, oncology, radiation techniques, treatment planning and dosimetry in their work. Effective communication with patients, health professionals, and the public is essential.

Radiation therapists administer a prescribed course of radiation therapy, providing patient care and maintaining treatment records. They evaluate and assess the radiation delivery, the responses of the patient, and ensure the quality of care. Additional duties may include tumor localization, patient follow up and patient education. Competence and compassion must be displayed in meeting the special needs of oncology patients.

Program Description

The College of Southern Nevada offers a 21-month Associate of Applied Science degree in Radiation Therapy Technology fully accredited by the Northwest Commission on Colleges and Universities. The program prepares the graduate to work with radiation oncologists in delivering daily doses of ionizing radiation to the prescribed tumor volume. Students receive both classroom instruction and supervised clinical experience in cancer centers. Graduates are eligible to sit for the National Exam for the American Registry of Radiologic Technologists Certification in Radiation Therapy.

Career Opportunities

Radiation therapists are employed by health care facilities, including cancer centers and private offices. They may also be employed in education, management, research, and marketing.

Approximate Salary in Nevada

Median Annual Wage..... \$82,790.00
Median Hourly Wage \$39.80

Source: "Radiologic Technology Wage and Salary Survey" www.asrt.org

Accepted Students

Students accepted into the program will be required to show proof of Healthcare Provider CPR certification from the AHA, health insurance, and immunization against Hepatitis B, Measles, Mumps, Rubella, Varicella, Tetanus, and Diphtheria. Healthcare facilities are REQUIRING students to be COVID vaccinated prior to beginning clinical

Approximate Costs

(Costs are subject to change)

Tuition:

82 credits x \$123.75 per credit hr	\$10,147.50
Student Union Fee per credit hr	\$9.00
Technology Fee per credit hr.....	\$8.50
Athletics & Recreation Fee per credit hr.....	\$2.00
Limited Entry Application Fee.....	\$20.00
Books	Varies
Lab Fees	\$15.00 - \$50.00/lab
Uniforms	Varies
CPR Certification	\$50.00 - \$75.00
Physical Exam	\$50.00 - \$75.00
Immunizations.....	\$0.00 - \$600.00
Urine Drug Screen.....	\$30.00
Official Background Check.....	\$50.00
Medical Insurance	\$20.00 - \$190.00/month
<small>Applies only if you are presently uninsured.</small>	
College Application Fee.....	\$20.00
New Student Fee.....	\$20.00
<small>One-time, non-refundable fee charged to new students only.</small>	
Non-resident Fee	\$4333.00 per semester
<small>This is in addition to the tuition and technology fee and is assessed to nonresident students enrolling in 7 or more credit hours.</small>	

affiliations. Proof of a negative two-step TB skin test and negative urine drug screen will be required prior to the first scheduled practicum/clinical experience. A physical exam must also be completed. In addition, an official background investigation will also be required. This documentation is due prior to the first clinical practicum. Please be aware that travel may be required for clinical rotations outside Reno/Carson City limits. **Students who are admitted into the program are required to have access to personal internet, as well as access to a personal device (i.e., computer, laptop, tablet, etc.) for classroom and at home use.**

Program Outcomes

-100% graduation rate
-100% employment rate for those graduates seeking employment in Radiation Therapy.
-71% first attempt pass rate of the ARRT National Examination (5 of 7 students attempting the exam), 100% overall pass rate.
-Average board score for CSN graduates was 79.3% (80.6% National average).
****These numbers reflect 2022 program outcomes.**

Accreditation

The College of Southern Nevada is accredited by the Northwest Association of Schools and Colleges (reaffirmed 2023). The Associate of Applied Science in Radiation Therapy Technology is accredited by the:

Northwest Commission on Colleges and universities
8060 165th Avenue N.E. Suite 100
Redmond, WA, 98052
(425) 558-4224; (425) 376-0596 fax

The information provided in this literature is for advisement purposes only.

College of Southern Nevada, Health Programs Advisement Office, 6375 West Charleston Blvd., Las Vegas, NV 89146, Phone: (702) 651-5885

RT-CG Fall 2025 – 5/2024