

RADIATION THERAPY TECHNOLOGY

C
A
R
E
E
R
G
U
I
D
E

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 the 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.

Approximate Salary in Nevada

Mean Annual Wage..... \$79,991.00
Median Hourly Wage \$38.00 - \$43.00

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

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 Costs

(Costs are subject to change)

Tuition:

82 credits x \$112.75 per credit hr	\$9,245.50
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.....	\$3,950.50 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>	

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. 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.

Program Outcomes

- 100% graduation rate
 - 100% employment rate for those graduates seeking employment in Radiation Therapy.
 - 89% first attempt pass rate of the ARRT National Examination (8 of 9 students attempting the exam)
 - Average board score nationally for CSN graduates was 81%.
- **These numbers reflect 2021 program outcomes.**

Accreditation

The College of Southern Nevada is accredited by the Northwest Association of Schools and Colleges (reaffirmed March 20, 2000). 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 2023 – 4/22