

# NUCLEAR MEDICINE TECHNOLOGY

The associate in science degree program in Nuclear Medicine Technology (NMT) prepares students for employment as nuclear medicine technologists in hospitals, medical offices, ambulatory clinics, mobile units or research centers. Nuclear medicine, also known as molecular imaging, is a field that is experiencing vast growth in job opportunities as well as advancements in technology that place this modality at the cutting edge of modern medicine. The advancements in nuclear medicine are changing the way disease is detected in patients, leading to an improved quality of life and a reduction in healthcare costs.

Upon completion of the program, the student may apply to take the certifying board examinations administered by the American Registry of Radiologic Technology (Nuclear Medicine) and the Nuclear Medicine Technology Certification Board (NMTCB). The program requires approximately 22 months of clinical and academic coursework.

## RESPONSIBILITIES OF THE NUCLEAR MEDICINE TECHNOLOGIST INCLUDE:

- Prepares and administers small doses of radioactive pharmaceuticals to patients for diagnostic and therapeutic purposes, under the direction of the radiologist.
- Performs quality assurance on nuclear medicine equipment.
- Performs a wide range of diagnostic scans, using a variety of nuclear medicine cameras, to image the disease process in any system of the body.
- Participates in clinical research for the advancement of nuclear medicine.
- Ensures patient scans are scheduled appropriately and that the nuclear medicine department runs smoothly.
- Compassionately cares for the needs of patients that come to the nuclear medicine department.
- Educates the public on radiation safety.

## DESCRIPTION OF PROGRAM, LICENSURE AND ACCREDITATION

Program Accreditation: Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT) National Exams: Nuclear Medicine Technology Certification Board (NMTCB)  
• American Registry of Radiologic Technologists (ARRT), Nuclear Medicine Examination (N): ARRT (N)



## CAMPUSES OFFERING PROGRAM

Gateway

## ADMISSION INFORMATION

Selective Admissions

Application period: **October 1 to February 1**

Program start date: **Fall**

## HOW MANY STUDENTS ACCEPTED EACH YEAR APPROXIMATELY

12\*

## PROGRAM OUTCOMES AND EMPLOYMENT

Please see the CT State website for the individual campus program outcome data: [ctstate.edu/programs/nuclear-medicine](https://ctstate.edu/programs/nuclear-medicine)

U.S. Bureau of Labor Statistics Occupational Outlook Handbook: [bls.gov/oo](https://bls.gov/oo)

## SELECTION PROCESS

Applicants are ranked according to:

Anatomy & Physiology I	25%
Nuclear Medicine GPA	75%

## THE FOLLOWING MUST BE COMPLETED BY THE APPLICATION DEADLINE

Admission Requirement	Grade Requirement	Time Requirement
English Composition	C or higher	N/A
Pathway to Calculus: College Algebra	C or higher	Taken within past five years of application
Anatomy and Physiology I	C or higher	Taken within past five years of application
Anatomy and Physiology II	C or higher	Taken within past five years of application
Nuclear Medicine Technology Admission GPA	2.7 or higher**	N/A
NMT Program Information Session	Attendance at one program specific information session	Within one year prior to application deadline

\*This number can change depending on variations in student capacity at any of the clinical sites. The student capacity is based on how many scans are performed on an annual basis.

\*\*Based only on the college courses with grades that meet the Nuclear Medicine Technology admission and Nuclear Medicine Technology program curriculum requirements.



LEARN MORE

### TO APPLY

Scan the QR code or visit [ctstate.elluciancrmrecruit.com/apply](https://ctstate.elluciancrmrecruit.com/apply)

### ADDITIONAL QUESTIONS

Tracey Sullivan - [tracey.sullivan@ctstate.edu](mailto:tracey.sullivan@ctstate.edu)

CCS 1001 – College and Career Success is a CT State Community College requirement and students must enroll within their first nine credits. This is not a complete guide for admission requirements. Courses may require prerequisites. For detailed information about the admissions process and the application requirements, visit the campus program website.

Note: Information on this sheet is subject to change. If you do not intend to apply to the Nuclear Medicine Technologist program for the 2025-2026 academic year, please obtain an updated fact sheet the year you apply.

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