

*Caldwell Community College and Technical Institute*

**Nuclear Medicine Diploma Program  
Admissions Information**

**Program Information**

**This one-year Diploma program is designed for graduates of a programmatically accredited radiologic technology program which included coursework in general physics.** Graduates from the Nuclear Medicine Diploma program may be eligible to apply certification/registration examinations given by the Nuclear Medicine Technology Certification Board and the American registry of Radiologic Technologists.

The diploma program is offered on the Caldwell Campus in Hudson and begins in May. There is a limit to the number of students who can be accepted.

**Admission Requirements**

**Associate degree of higher in Radiologic Technology from a programmatically accredited institution is required to be eligible for acceptance to the Nuclear Medicine Technology diploma program.**

**The following requirements must be completed before an applicant can be considered for admission to the program.**

**1. CCC&TI application.**

Applications are available online at [www.cccti.edu](http://www.cccti.edu).

**2. Official documentation of high school graduation/high school equivalency.**

A high school graduate should request an official transcript to be sent to CCC&TI indicating date of graduation. This is required even if the applicant holds a college degree.

Applicants with a high school equivalency must provide official documentation to CCC&TI from the granting institution.

Reproduced copies of documents are not acceptable.

**3. Official transcripts of any college work.**

The applicant should request colleges to mail transcripts directly to CCC&TI.

If currently enrolled at another college, request a transcript now and another one at the completion of courses.

College transcripts must be received and evaluated in order to determine placement test exemption and/or awarding of college transfer credit.

**4. Gateway English and math readiness**

Applicant must be eligible to enter the program required gateway (college-level) English and math courses without a co-requisite or have successfully passed English and math transition courses as follows:

ENG 002 with a grade of P2

MAT 003 with a grade of P2

Contact one of the following in the Health Sciences Admissions Office for questions about English and math readiness:

Amy Huffman 828.726.2710 or [ahuffman@cccti.edu](mailto:ahuffman@cccti.edu)

Holly Freeman 828-726-2711 or [hfreeman@cccti.edu](mailto:hfreeman@cccti.edu)

5. **Information session.**

Complete a Nuclear Medicine Technology Information Session to receive current details regarding admission, academic, and program requirements.

Locate the NMT information session online at [www.cccti.edu](http://www.cccti.edu). Click on “Academics,” from the homepage. Click on the “Health Sector” tab. Then, click on “Nuclear Medicine Technology” and then on the Information Session “Online Presentation” link.

To receive credit for the NMT Information session, submit the following 2 items electronically to the Health Sciences Admissions Office ([ahuffman@cccti.edu](mailto:ahuffman@cccti.edu)):

1. **NMT Information Session Confirmation form**
2. **Signed acknowledgment of the criminal background check statement**

**Clinical site visit. (Optional)**

This visit is intended to familiarize the applicant with the actual day-to-day responsibility of a person employed in Nuclear Medicine.

Registered radiographers and radiography students are exempt from this visit.

The applicant should contact Ruthie Price at 828-726-2708 or [rprice@cccti.edu](mailto:rprice@cccti.edu) for an appointment at a clinical site used by CCC&TI.

6. **MAR (Minimum Admissions Requirements) Review**

Contact the Health Sciences Admissions Office to schedule the MAR Review as soon as ALL the above admissions requirements (steps 1-5) have been completed. During the MAR Review, the Health Sciences Admissions Office will review your file for completion. If all admissions requirements have been met, you will be assigned a consideration date which determines the order in which students are accepted. Schedule the MAR review by contacting one of the following:

Amy Huffman 828.726.2710 [ahuffman@cccti.edu](mailto:ahuffman@cccti.edu)

Holly Freeman 828.726.2711 [hfreeman@cccti.edu](mailto:hfreeman@cccti.edu)

**The NMT diploma consideration date is given after completing ALL ADMISSIONS REQUIREMENTS.**

## **NOTIFICATION PROCEDURE**

The students will be notified via letter of acceptance to the 2017 Nuclear Medicine Technology Diploma Program continually until all spaces are filled. Students must respond as directed within the acceptance letter in order to secure their space in the program.

**After Acceptance** – At the time an applicant receives their acceptance notification letter, the following requirements will be expected. Failure to submit proper and complete documentation by the deadlines specified will result in forfeiture of their seat in the class.

- **Current Infant, Child, and Adult/AED CPR for health care provider certification.** One of the following is required: American Heart Association Basic Life Support Provider course OR American Red Cross Professional Rescuer or Healthcare Provider OR National Safety Council Healthcare Provider. A copy of the CPR certification should be submitted by the deadline established by the program director.
- **An accurate and satisfactory completed student medical form (health form)** which includes appropriate documentation of immunizations by the health care provider or county health department and physical exam results must be submitted to Certified Background Check Medical Document Management by the deadline stated in the acceptance letter. **Each student will be responsible for the cost of the electronic health form tracking.** Requirements include current TB (2 step PPD) skin test (within 12 months), mumps/measles/rubella blood titer or vaccine, proof of chicken pox immunity by vaccination or blood titer, influenza, and current immunizations for tetanus and diphtheria. The NMT student is also encouraged to obtain Hepatitis B immunizations. Otherwise, the decision to decline the Hepatitis B immunizations must be formally documented.
- **Criminal background checks/Drug screening/ other expectations:**
  1. Criminal background checks and/or drug screenings are required for the student to participate in the clinical component of each NMT course. **A signed acknowledgement statement must have been submitted to the Health Sciences Admissions office as an admissions requirement** (see NMT admissions requirement #5 – Information Session). All costs associated with criminal background checks and drug screenings are the responsibility of the student.
  2. The students will assume responsibility for all health care or emergency room costs they might incur during their clinical rotations.
  3. The student will assume the responsibility for travel to and from the clinical site and all associated costs.
  4. The student will complete a final evaluation of all clinical rotation sites, including faculty and educational experience.
- **Academic Progression Policy**

Due to the unique tasks required of the Technologist to produce diagnostic images and other patient care responsibilities, a high level of academic and practical competence is required of all students. Therefore, a grade of “D” or “F” in any general education coursework must be repeated and completed with a grade of “C” or above as outlined in the NMT curriculum sequence in order to progress to each subsequent semester of the program. Additionally, all NMT/PET-prefixed courses must be completed with a final grade of 80 or above.

If a student experiences academic problems that may prevent success in a course, it is their responsibility to seek academic advising. All non-Nuclear Medicine Technology courses must be completed by the end of the first spring semester. Students must complete 100% of the required competencies in order to receive a grade of 80 or better in NMT 221 – NMT Clinical Practice II course.

Request from the clinical site to remove a student from the site will also result in failure to progress in the clinical component and result in dismissal from the program. Request from the clinical site to remove a student from the site will also result in failure to progress in the clinical component and result in dismissal from the program.

Failure to maintain these program standards will result in student dismissal from the program. Refer to the NMT Program Manual for further details.

***Please note: Each applicant is responsible for:***

- ***completing admission requirements,***
- ***confirming receipt of letters and documents in the admissions office,***
- ***keeping CCC and TI informed in writing of any personal information changes,***
- ***keeping copies of all documentation submitted to CCC&TI.***

Physical demands of a nuclear medicine technologist are potentially high. Technologists are on their feet much of the day and may lift or turn disabled patients requiring physical stamina. Patient safety will be jeopardized if students do not meet the following minimum physical standards. A student not meeting these standards will not be allowed to participate in the clinical components of the program and will not progress in the program. At minimum students must be able to:

- Visually differentiate subtle shades of gray/color.
- Have the ability to assist in the transferring and moving of patients (300+ pounds) to and from wheelchairs, carts, beds, and imaging tables.
- Have sufficient balance to independently carry out patient care activities safely, e.g. transferring patients, carrying equipment, and supplies.
- Ability to communicate orally and in writing to provide patient education and assure patient safety during imaging.
- Have sensory perception, good hearing, and visual acuity, e.g., interpreting pertinent sounds from background noise, hearing conversations with physicians and patients, using telephone, discerning audible signals on camera imaging equipment, and monitoring patients during procedures.
- Possess good communication (oral and written) and interpersonal skills, e.g., communication with patients, physicians, faculty, students, and co-workers. English should be the students' primary language.
- Have the ability to sit or stand with reaching, twisting, and stooping for 8 hours a day.
- Have the ability to lift and carry items weighing up to 25 pounds without assistance.

## Curriculum for Nuclear Medicine Technology Diploma (D45460)

The following courses are co-requisite courses and must be completed with a minimum grade of "C" *either before or during the program.*

		Class	Lab	Credit
COM 120	Intro Interpersonal Communication	3	0	3
MAT 152	Statistical Methods I	3	2	4
CHM 131	Intro to Chemistry			
CHM 131A	Intro to Chemistry Lab or			
or				
CHM 151	General Chemistry	<u>3</u>	<u>3</u>	<u>4</u>
<b>Co-requisite Total</b>		<b>9</b>	<b>5</b>	<b>11</b>
<b>Summer Semester</b>		<b>Class</b>	<b>Lab</b>	<b>Credit</b>
NMT 110	Intro to Nuclear Medicine	2	0	2
NMT 126	Nuclear Physics	2	0	2
NMT 132	Overview - Clinical Nuclear Medicine	<u>2</u>	<u>6</u>	<u>4</u>
<b>Semester Total</b>		<b>6</b>	<b>6</b>	<b>8</b>
<b>Fall Semester</b>		<b>Class</b>	<b>Lab</b>	<b>Credit</b>
NMT 211	NMT Clinical Practice I	0	21	7
NMT 212	Procedures for Nuclear Medicine I	2	0	2
NMT 215	Non-Imaging Instrumentation	1	3	2
PET 235	PET Cross Sectional Anatomy	<u>3</u>	<u>0</u>	<u>3</u>
<b>Semester Total</b>		<b>6</b>	<b>24</b>	<b>14</b>
<b>Spring Semester</b>		<b>Class</b>	<b>Lab</b>	<b>Credit</b>
NMT 134	Nuclear Pharmacy	2	0	2
NMT 221	NMT Clinical Practice II	0	21	7
NMT 222	Procedures for Nuclear Medicine II	2	0	2
NMT 225	Imaging Instrumentation	<u>1</u>	<u>3</u>	<u>2</u>
<b>Semester Total</b>		<b>5</b>	<b>24</b>	<b>13</b>
<b>Diploma Total</b>		<b>26</b>	<b>59</b>	<b>46</b>

## **Tuition and Fees**

<b>Tuition:</b>	In-State	\$76.00 per credit hour \$1,216.00 maximum tuition per semester
	Out-of-State	\$268.00 per credit hour \$4,288.00 maximum tuition per semester

**Activity Fees:** \$35.00 per fall/spring semester.

**Campus Services Fee:** \$2.00 per class, up to a maximum of \$10.00 per semester

### **For additional information, please contact:**

Amy Huffman, B.A.  
Coordinator of Health Sciences Admissions  
Caldwell Community College and Technical Institute  
2855 Hickory Boulevard  
Hudson, NC 28638  
828-726-2710; 828-328-8697, ext. 710; or 828-264-7670, ext. 710  
[ahuffman@cccti.edu](mailto:ahuffman@cccti.edu)

Leslie Deal, BS, CNMT, RT(N)  
Program Director, Nuclear Medicine Technology Programs  
Caldwell Community College and Technical Institute  
2855 Hickory Blvd  
Hudson, NC 28638  
828-726-2330  
[ldeal@cccti.edu](mailto:ldeal@cccti.edu)

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*Since health program standards are mandated by accrediting and regulatory agencies, revisions to the above information may be necessary. Efforts will be made to keep changes to a minimum and finalized one year in advance of the starting date of the program; however, the college reserves the right to revise any part or section as necessary.*