

Nuclear Medicine Technology

Fall 2022 Deadline: May 11, 2022

Congratulations! You are taking the first steps on your journey to become a Nuclear Medicine Technologist! The information in this packet is your roadmap to this destination. It is important that you thoroughly read the instructions and if you have any questions, please check with the Admissions Office or call Dr. Jawahar “Jay” Jesrani, Program Coordinator, NMT program, at 336-734-7604, or email at jjesrani@forsythtech.edu.

Nuclear Medicine Technology is a two-year associate degree limited enrollment program with a new class of students beginning the fall of each year. The number of applicants admitted to the program is **10 students** each year. **Two seats are reserved for 2022 high school graduates.** Currently enrolled high school applicants will only compete for seats with other high school applicants.

When applicants have completed all of the minimum requirements, they must complete the online Nuclear Medicine MAR application (see step 5) to request the (MAR) Review process by deadline listed above.

Please note, however, that meeting minimum requirements does not guarantee admission.

Nuclear Medicine Technology (NMT) is a first-qualified, first accepted curriculum. Therefore, the first 10 applicants to complete the MAR review will be admitted to the program. Students who complete a MAR review after all 10 seats are filled will be added to an alternate list. While not guaranteed admission, alternates would have the opportunity to fill seats if any open later in the process.

Special Note: If you are just starting to take classes as an **Associate in Arts Pre-Health Tech** student before entering the full program, please look at the Related Courses on **page 4** for a list of general education classes that can give you a head start on your degree. But keep in mind that these classes are **not required** before entering the program!

Steps for the Limited Admission Process for the Fall 2022 Nuclear Medicine Technology Program

1. **Complete an application to Forsyth Tech** at <https://www.forsythtech.edu/apply-ft/>
 - Complete NC Residency at www.ncresidency.org
 - New and Former students must complete the online application.
 - Submit all official transcripts from high school and colleges attended as well as AP scores if applicable for the related courses. Electronic transcripts can be sent through a secure service to admissions@forsythtech.edu or paper transcripts can be mailed to Forsyth Technical Community College Attn: Admissions 2100 Silas Creek Parkway Winston Salem, NC 27103-5197, or hand delivered in a sealed envelope to the Admissions and Records Office on the main campus.

- Currently enrolled students do not need to do a new application, just complete the online Nuclear Medicine Tech application (see link to this application-step 5) and make sure the NC Residency is current.

2. Demonstrate English and Mathematics “College Readiness” levels.

- All Health Program applicants are required to demonstrate English and Mathematics college-readiness by one of the following methods:

English Readiness

- No ENG credits, but have an earned Associate or Bachelor’s degree from a regionally-accredited institution
- Documented completion of ENG 111, with a minimum grade of “C”
- Eligible to enroll in ENG 111 without the ENG 011 co-requisite, demonstrated by one of the following:
 - Graduate of a US high school with an unweighted GPA of 2.8 or higher OR HSE specific scores – see Admissions for details
 - Completion of placement test within the past 10 years and achievement of appropriate scores OR SAT/ACT specific scores – see Admissions for details
 - If you took the placement test elsewhere, you MUST submit those scores to Forsyth Tech Admissions.
 - Current enrollment in ENG 111 with corequisite
 - Completion of ENG 002 Tier 2

Mathematics Readiness

- No MAT credits, but have an earned Associate or Bachelor’s degree from a regionally-accredited institution
- Documented completion of MAT 171 or higher-level course with a minimum grade of “C”
- Eligible to enroll in MAT 171 without the corresponding co-requisite, demonstrated by one of the following:
 - Graduate of a US high school with an unweighted GPA of 2.8 or higher OR HSE specific scores – see Admissions for details
 - Completion of placement test within the past 10 years and achievement of appropriate scores OR SAT/ACT specific scores – see Admissions for details
 - If you took the placement test elsewhere, you MUST submit those scores to Forsyth Tech Admissions.
 - Current enrollment in MAT 171 with corequisite
 - Completion of Math 003 Tier 3

If you are unsure whether you meet either of these requirements, it is YOUR responsibility to speak with a counselor in the Admissions Office PRIOR TO completing your Minimum Admissions Application.

When we receive the MAR application it will be reviewed to make sure you meet the minimum requirements. If you do not meet these requirements, you will not be eligible to complete the MAR and will not be placed in the applicant pool to be notified of your status.

3. **Demonstrate Biology and Chemistry competencies.** There are two ways to do this:
 - College-level BIO/lab and CHEM/lab course with a “C” or better
 - High school-level BIO/lab and CHEM/lab course with a “D” or better
4. **Meet requirements of “No D or F policy”**
 - While you are taking the related courses, you must maintain a C or higher.
 - Applicants with a D or F in any of the related courses will not be eligible to compete for the program unless they have repeated the course and earned a grade to replace the D or F (You cannot do a MAR review with a D or an F)
 - Side Note: For programs with multiple course options for a related course, applicants can replace the D or F grade with any of the course options available. For example, if the course choices are ENG 115 or COM 231, and the applicant has a D or F in 115 then the choice is to either repeat 115 or take COM 231 and earn a C or higher.
 - This policy is in place to maintain the integrity of the Nuclear Medicine Therapy program and all applicants are held to these standards. There are **NO** exceptions.
5. **Submit the online Nuclear Medicine Tech MAR application. You can find that application here:**

Fall 2022 application
[Nuclear Medicine MAR Application](#)

High School ONLY application
[Nuclear Medicine High School MAR application](#)

 - Applicants can complete MAR reviews between September 7th and the May 11th deadline.
 - Your application confirmation will be emailed to you at the time that it has been completed by a counselor. Please make sure to have activated your Forsyth Tech email account and monitor that for this outreach. As long as you have submitted a MAR application – your application will be reviewed, and you will be contacted by the deadline for the program.
6. **Make sure you meet the Medical Training Requirements**
 - Check page 5 to prepare in case you are admitted to the program!
7. **Check your Forsyth Tech email** and keep your phone and address updated with the office
 - As mentioned above – we will email your application confirmation to your Forsyth Tech email by the deadline for the program
 - After the deadline passes, you will be notified about your status – admitted, alternate, or not admitted regardless of the decision.
 - If you are admitted to the program, there will be instructions in your admission letter with requirements that apply to admitted students – make sure to meet any of those deadlines/requirements or you can lose your seat in the program
 - If you are an alternate, we will contact you by phone or email if any seats open up in the program

Pre-Health Tech:
General Education/Related Courses for Nuclear Medicine Technology

When you are first admitted to the school and indicate **Nuclear Medicine Technology** as your program choice, you are accepted as an **Associate in Arts Pre-Health Tech** student. While you are not fully in the program yet, as a Pre-Health Tech student you can do two things to prepare yourself for entering Nuclear Medicine Technology:

- If you are not already eligible for the program, you can take courses that help you meet the **minimum admissions requirements**. This would be the priority!
- If the admissions deadline has already passed, or you are beginning school in a different semester than when the program begins—for example, you are starting classes in fall 2021 ahead of the full Nuclear Medicine Technology program beginning in fall 2022—you can get a **head start** on the program's **general education/related courses**.

These are the general education/related courses for Nuclear Medicine Technology:

BIO 168 & 169 or 165 & 166

ENG 111

ENG 115 or COM 231

PSY 150 or PSY 118

*PHY 110/110A or higher

Humanities/Fine Arts Elective

*MAT 171 or higher

CHM 131/131A or CHM 151

*Higher level courses are subject to approval for course substitution.

Please remember, though, that **these general education/related courses are NOT required before you begin the Nuclear Medicine Technology program!**

As long as you have met the **minimum admissions requirements**—the paperwork, English/Math Readiness, and Biology and Chemistry Competency requirements covered in steps 1 through 4 in this packet and have met the No D or F policy for any related courses attempted—you are eligible to complete a MAR review and enter Nuclear Medicine Technology even if you haven't taken any of the related courses. You will be able to take them while you are in the program.

However, if you have the opportunity to begin work on these courses as a Pre-Health Tech student before you enter Nuclear Medicine Technology, taking them with the guidance of your advisor can help you reduce your course load once the full program begins. **It is generally beneficial for students to complete MAT 171 or higher before admission to the program, to increase math competence for nuclear medicine math content in the program.**

Deferred Action Childhood Arrival (DACA) and Undocumented Students Policy

Current NCCCS policy allows DACA and undocumented applicants to enroll at Forsyth Tech at the out of state tuition cost. However, acceptance to the college does not guarantee acceptance to a specific program.

DACA students are eligible to apply to an Allied Health/Nursing program.

Undocumented students are not eligible for consideration to Allied Health or Nursing programs. According to North Carolina and Federal law, undocumented students are not eligible for North Carolina professional licensure.

This policy is subject to change without notice based upon federal and state regulations.

Clinical Rotation Age Requirement

All students must be 18 years of age by May 1st of the year following admission due to clinical site age requirements.

Medical Training Requirements

Applicants who are **admitted** to the Nuclear Medicine Technology program must successfully complete a NC state approved Nursing Assistant I (NA I) program by **August 15, 2022**. Possession of a higher-level certification such as Certified Nursing Assistant I or II (CNA I or II), Certified Medical Assistant (CMA), Emergency Medical Technician (EMT B or I), Paramedic or Military Corpsman will also be accepted to meet this requirement.

A successfully completed NC state approved high school course in Allied Health II (with clinical component) can serve as an equivalency for the NA I requirement for high school students. Applicants who are **admitted** must also hold **current** AHA Health Care Provider cardiopulmonary resuscitation (CPR) certification by **August 15, 2022**.

Admitted students must provide the appropriate documentation to the Nuclear Medicine Program Coordinator's office to verify the completion of these requirements by **August 15, 2022**. CNA I, EMT, and CPR certifications can be completed through Forsyth Tech's Economic and Workforce Development-Education Division (336-734-7023). CPR is included in the NA I course.

Students are encouraged to complete Medical Training requirements prior to or as soon as possible after they receive notification of admission into the Nuclear Medicine Technology program. Students who are unable to complete these requirements by the stated deadline will lose their admission in the program.

After admission, the NMT Program communicates to students through their Forsyth Tech email address. Important information regarding program requirements and mandatory NMT Orientation will be sent to student's Forsyth Tech email address. Timely completion is needed to retain your seat in the program.

NOTE: The information provided in this packet is subject to change annually.

Technical Standards for Nuclear Medicine Technology

Our program technical standards have been developed to help students understand nonacademic standards, skills, and performance requirements expected of a student in order to complete this particular curriculum. The Associate degree in Applied Science in Nuclear Medicine Technology (NMT) signifies that the graduate is prepared for an entry-level position into the practice of Nuclear Medicine. Therefore, the graduate must have both the knowledge and skills to function in a broad variety of situations and to render a wide spectrum of health-related services. Students should possess the following minimal physical requirements to adequately perform NMT responsibilities.

If an accommodation is necessary to participate in the program, it is imperative to identify a reasonable accommodation to those students who qualify under the Americans with Disabilities Act (ADA). Reasonableness is determined by the Disability Services Office (DSO) and the program on a case-by-case basis utilizing the program technical standards. The accommodation needs to be in place prior to the start of the program, or it may delay your ability to start the program. It is the student's responsibility to contact the DSO and request accommodations.

| Skills | Description | Specific Examples |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motor Skills | Stand and move around the majority of the day Sit occasionally Bend and stoop Climb to reach patient care equipment Lift or carry a minimum of 20 pounds Push or pull a minimum of 20 pounds | Assisting patients on and off imaging table Moving equipment or gurney Retrieving supplies or moving equipment Assisting patients from wheelchairs to gurneys or imaging table or vice-versa Must be comfortable touching patients while helping them move on and off imaging equipment |
| Vision | Accessing information in print and electronically | Ability to access information in print as well as on the computer or from imaging equipment; able to assist patients safely on and off equipment |
| Hearing | Ability to respond to instructors, classmates, and patients | Auditory ability sufficient for physical monitoring and assessment of patient health |
| Technological | Use of imaging systems and computers | Able to operate medical computers and equipment to acquire and process patient studies |
| Communication | Verbal, non-verbal, and in writing | Able to communicate with others both orally and in writing in English and able to respond to non-verbal communication clues |

| Skills | Description | Specific Examples |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Critical Thinking/ Problem Solving | Ability to perform nuclear medicine scans and solve issues that may arise in clinical situations, in a manner that insures patient safety and diagnostic accuracy | Able to clear error messages on equipment, operate imaging and patient transport equipment safely, and process patient studies in computer |
| Interpersonal Skills | Professionalism and teamwork | Able to interact with patients, instructors, other students, and technologists in a healthcare environment, in a professional and cordial manner |
| Environmental Tolerance | Temperature, lighting, noise, exposure | Able to work in a healthcare environment where air conditioning may be at a cooler setting, lighting may be dimly lit, noise from equipment may be present, and potential exposure to bodily fluids exists |

This document is intended to serve as a guide regarding the physical, emotional, intellectual and psychosocial expectations placed on a student. This document cannot include every conceivable action, task, ability or behavior that may be expected of a student. Meeting these technical standards does not guarantee employment in this field upon graduation. Ability to meet the program's technical standards does not guarantee a student's eligibility for any licensure, certification exam, or successful completion of the degree program.