# Nuclear Medicine Technology (NMT)

## Fall 2020 Priority Deadline: March 26, 2020
## Fall 2020 Final Review Deadline: May 28, 2020

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 2020 high school graduates through the priority deadline.** Currently enrolled high school applicants will only compete for seats with other high school applicants.

When applicants have completed all of the minimum requirements (Phases I & II in this packet), they must meet with an Admissions Counselor for a Minimum Admissions Requirement (MAR) Review by one of the deadlines 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. **Once the priority deadline has passed, students can still complete a MAR review up until the final review deadline. However, after the priority deadline there is a greater risk that all the seats will have already been filled.**

## PHASE I: APPLICATION PROCESS

1. Complete the Residency Determination Service (RDS) and a Forsyth Tech application.
   If currently enrolled in classes at Forsyth Tech, complete the update form in the Admissions Office.

2. **Complete the online information session tutorial and return the electronic signature form.**
   If you prefer, you may choose to attend an in-person information session instead of completing the online tutorial.

3. Complete placement testing if required by the Admissions Office.

4. Have an official high school transcript or GED, HiSet, TASC scores mailed to the Admissions Office.

5. Have the most recent official transcripts from **all colleges or schools** attended since high school sent to the Admissions Office. All transcripts are required regardless of their applicability to the NMT program of study. Official transcripts must have the school seal or original signature and be in a sealed unopened envelope or submitted electronically from the school. Electronic transcripts should be sent to admissions@forsythtech.edu. Official college transcripts should be received **and** evaluated before a MAR is conducted. Evaluation of transcripts typically takes 5-7 business days to complete once transcripts have been received. Please do **NOT** bring in transcripts the day you come to complete your MAR review.

6. Submit official copies of any Advanced Placement (AP) scores, if applicable. **Please note that this can take up to four to six weeks to be received due to the College Board request process.**

# PHASE II:  MINIMUM ADMISSIONS REQUIREMENTS

1. **ENGLISH, READING and MATH Competencies-** All applicants must demonstrate English, Reading and Math Competencies to be eligible for program consideration.  Please note that there are several changes that have occurred in the past year.  Forsyth Tech now uses the RISE criteria as established by the state and all applicants will be held to that new standard. Applicants are advised to speak with an advisor to make sure that current criteria has been met.

    There are 5 different ways that these competencies can be met:

    a. **RISE for High School/High School Equivalencies:**  An applicant who has graduated from a US high school within the past 10 years and has 2.8 or higher unweighted GPA, or has a GED taken since 2014 with a score of 170 or higher in every section, or has HiSet scores with a 15 in every section and a minimum of a 4 on the essay.

    <div align="center">**OR**</div>

    b. **SAT/ACT scores (valid for 10 years):**  **Specific scores will meet the English/Reading and/or Math requirements**

    **For tests taken prior to March, 2016:**
    SAT Critical Reading - 500+ OR SAT Writing - 500+, or ACT Reading - 22+ OR
    ACT English - 18+ will meet required competency in English/Reading.

    SAT Math - 500+ OR ACT Math - 22+ will meet required competency in Math.

    **For tests taken in March, 2016 or later:**
    SAT Evidence Based Reading and Writing - 480+, or ACT Reading - 22+ OR
    ACT English - 18+ will meet required competency in English/Reading.

    SAT Math - 530+ OR ACT Math - 22+ will meet required competency in Math.

    <div align="center">**OR**</div>

    c. **Completion of College level English and/or Math**
    A grade of "C" or higher in a college level English composition and/or math course that meets program MAR requirements.

    <div align="center">**OR**</div>

    d. **Completion of an associate's or bachelor's degree from a regionally accredited US college**

    <div align="center">**OR**</div>

    e. **Placement Test Scores (all scores are valid for 10 years):**

    While discontinued at Forsyth Tech in 2018, the NC-DAP Math (DMA) and NC-DAP Reading and English (DRE) tests will be valid for 10 years. The following are the required scores if using NC-DAP testing.

| **NC-DAP DMA** | | **NC-DAP DRE** |
|---|---|---|
| DMA-010 | 7 (or higher) | DRE Composite Score 151 (or higher) |
| DMA-020 | 7 (or higher) | |
| DMA-030 | 7 (or higher) | |
| DMA-040 | 7 (or higher) | |
| DMA-050 | 7 (or higher) | |
| DMA-060 | 7 (or higher) * | |

*A score of 7 or higher in DMA-060 will exempt students from taking DMA-070 and DMA-080. If the DMA-060 score is below 7, students must also complete the DMA-070 and DMA-080 courses to meet competency.

Applicants taking the NC-DAP for math must demonstrate mastery in DMA 010, 020, 030, 040, 50, 060, 070 and 080.

Applicants taking the NC-DAP Reading Comprehension and Sentence Skills must demonstrate mastery in DRE 096, 097 and 098.

All DRE/DMA courses must be completed by the deadline date. If DRE/DMA or DMS shell courses from other NC community colleges are being used to meet this requirement, submission of the placement test scores will also be required.

The following tests may also be used to meet English, Reading or Math competencies if taken within the past 10 years:

| **CPT** | | **COMPASS** | | **ASSET** | |
|---|---|---|---|---|---|
| Sentence Skills | 86 | Writing | 70 | Writing Skills | 41 |
| Reading Comp. | 80 | Reading | 81 | Reading Skills | 41 |
| Arithmetic | 55 | Pre-Algebra | 47 | Numerical Skills | 41 |
| Algebra | 75 | Algebra | 66 | Elem. Algebra | 41 |

**Please Note:** For applicants who graduated more than 10 years ago from high school or do not meet the GED/HiSet requirements, and do not meet any of the above criteria completely, the RISE assessment is available. The following scores must be met:

| **RISE for English** | **RISE for Math** |
|---|---|
| 75 or higher in Tier 2 | 75 or higher in Tier 3 |

Applicants who do not meet any of the above methods completely must enroll in either or both the English (ENG 002 Tier2) and Math (MAT 003 Tier 3) transition courses and complete them by the specified deadline to be eligible for consideration.

If an applicant is required to take a co-requisite course along with the program level English and/or Math, and is enrolled in that course at the time of the deadline, they will be eligible to do the MAR and compete for a seat in the program. HOWEVER, the program course must be passed with a "C" or higher to remain eligible for admission. Applicants who do not pass the program course with a "C" or higher will not be eligible for the 2020 program.

2. **Biology and Chemistry Competency**

   Applicants must complete a high school or college level biology and chemistry course. If one of the courses were not completed at the high school level, an applicant must complete the course(s) at the college level. There is no age limitation on the high school or college level course(s).

3. **No "D, F" Policy**

   **<span style="color:red">This policy is in place to maintain the integrity of our Nuclear Medicine program and all applicants are held to this standard. There are NO exceptions.</span>**

   Applicants must earn a grade of "C" or better in all program related courses attempted to be eligible for the program. This policy applies to courses taken at Forsyth Tech as well as equivalent courses completed at outside colleges or universities. ***Applicants with a "D" or "F" in a related course (listed below) that have not completed the replacement course by the deadline will <u>NOT</u> be eligible to complete a MAR review to be considered for the Nuclear Medicine Technology program for this year's entry term.** If a grade of "D" or "F" is earned after admission to the program, the course must be repeated by the semester prior to the start of the NMT program, and a "C" or higher earned before the student will be allowed to enroll in the program. **Failure to remove a grade of "D" or "F" will result in the loss of admission into the NMT program.**

   *<span style="color:red">*For example: Students who earned a D or F in a related course during the spring semester and are currently repeating it in the summer semester are NOT eligible to compete for the program because the course will not be completed and a grade posted by the deadline date.*</span>

   The following is a list of those related general education courses:

   > 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.

# PHASE III: MINIMUM ADMISSIONS REQUIREMENTS (MAR) REVIEW

After **completion** of Phase I and II, applicants are eligible to meet with an Admissions Counselor to complete the Minimum Admissions Requirements (MAR) Review. Applicants who wish to be considered for the priority deadline for the fall 2020 program **must** complete the MAR Review by the priority deadline. Applicants for the program will not be considered for admission until this step is completed.

Please do **NOT** bring in college transcripts the day you come to complete your MAR review, as the Admissions Office does not do transcript evaluations. Official transcripts should be submitted 5-7 business days prior to coming in to do a MAR review to allow the Records Office time to evaluate for possible transfer credit.

The Admissions Office hours for the MAR Review are 8:00 a.m. – 6:00 p.m. Monday through Thursday. The review is done on a walk-in basis and no appointment is necessary. The Admissions Office is located in the Robert L. Strickland Center, room 2361. **Please note that only one counselor is available after 5:00 p.m.**

**When can the MAR be completed?**

## Fall 2020 Applicants

| If you have completed all of your minimum admissions requirements, you can complete your MAR: | If you are completing your minimum admissions requirements during the fall 2019 semester, you can complete your MAR: | If you have not completed your MAR by the priority deadline, you can complete your MAR: |
|---|---|---|
| September 3- March 26 | January 21-March 26 | March 30-May 28 |

**MAR reviews will not be conducted during the following blackout dates:**

October 15 – school closed
November 11 – Veteran's Day school closed
November 25-29 – Thanksgiving school closed
December 16 – January 20 – Holiday break school closed/Registration week/MLK holiday
February 17-21 – nursing deadline (nursing MAR reviews only)
March 17 – school closed
May 7 – Commencement
May 14 – 20 – Summer Registration/Drop/Add days
May 25 – Memorial Day school closed

Please note: MAR reviews held during fall and spring breaks will end at 4pm.
Fall Break: 10/16 – 10/17
Spring Break: 3/18 – 3/19

# Reminder: MAR reviews will not be conducted on Fridays.

# NOTIFICATION PROCEDURE

Students will be admitted to the program based on the completion date of the MAR review. Notification letters will be sent to admitted students after the deadline.  If an applicant did not meet the minimum requirements, was not admitted, or declined admission the applicant must submit a new application, complete the Allied Health Information session, and complete a MAR Review for the 2021 Nuclear Medicine program.

## Policy regarding Deferred Action Childhood Arrival (DACA) and Undocumented Students

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 1$^{st}$ 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 13, 2020**.  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 13, 2020.**

Admitted students must provide the appropriate documentation to the Nuclear Medicine Program Coordinator's office to verify the completion of these requirements by **August 13, 2020**.  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.**

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

June 2019

# 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<br>Sit occasionally<br>Bend and stoop<br>Climb to reach patient care equipment<br>Lift or carry a minimum of 20 pounds<br>Push or pull a minimum of 20 pounds | Assisting patients on and off imaging table<br>Moving equipment or gurney<br>Retrieving supplies or moving equipment<br>Assisting patients from wheelchairs to gurneys or imaging table or vice-versa<br>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 |
| 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 |

| Skills | Description | Specific Examples |
|---|---|---|
| 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.