

Radiography

Fall 2023 Deadline: March 24, 2023

Radiography is a selective enrollment program beginning each fall. Resources, such as clinical facilities and faculty, as well as approval standards limit the number of applicants admitted to the program to **30 students**. The Radiography program does not reserve seats for high school seniors, however high school senior who are dual enrolled and have completed college courses listed under the related courses section of this packet may compete against other college students for admission. Radiography is a two-year, associate degree program and all applicants must meet minimum requirements to be considered for admission. **Please note that meeting minimum requirements does not guarantee admission.**

Special note: If you are just starting to work on taking classes to become competitive in the future – please look at the Related Courses on page 5 to guide you. It is not a requirement that you complete all of them before you participate in the selective admission process, however completing more courses before the deadline can help to make you more competitive.

Required steps for the Radiography program application

1. Complete an application to Forsyth Tech (if you are not a current student)
2. Check that you meet the minimum readiness levels
3. Submit ALL official transcripts
4. Submit a copy of your TEAS score report
5. Submit the MAR application
6. Review additional requirements for accepted students

Details for each step are outlined below

1. Complete an application to Forsyth Tech

New and Former students must complete the online application at <https://www.forsythtech.edu/apply-ft/>
Complete NC Residency at www.ncresidency.org

Currently enrolled students do not need to do a new application, just make sure the NC Residency is current

2. Check that you meet the minimum readiness levels

All Health Program applicants are required to demonstrate English and Mathematics college readiness. you must be able to demonstrate that you have achieved the appropriate readiness levels in both areas by one of the following methods:

COLLEGE ENGLISH READINESS	COLLEGE MATHEMATICS READINESS
<input type="checkbox"/> Option 1: You have completed or received transfer credit for ENG 111.	<input type="checkbox"/> Option 1: You have completed or received transfer credit for <u>one</u> of the following -- MAT 143, MAT 152, MAT 171 (or a higher-level math).
<input type="checkbox"/> Option 2: You have completed or received waiver credit for <u>all of</u> the following: DRE 096, DRE 097, DRE 098	<input type="checkbox"/> Option 2: You have completed or received waiver credit for <u>all</u> of the following: DMA 010, DMA 020, DMA 030, DMA 040, and DMA 050
<input type="checkbox"/> Option 3: You have completed or received waiver credit for ENG 002 with a minimum grade of P2	<input type="checkbox"/> Option 3: You have completed or received waiver credit for MAT 003 with a minimum grade of P2
<input type="checkbox"/> Option 4: You have completed or received waiver credit for ENG 011 or are currently enrolled in ENG 111/011	<input type="checkbox"/> Option 4: You have completed or received waiver credit for MAT 043 or are currently enrolled in MAT 143/043
<input type="checkbox"/> Option 5: An earned Associate or Bachelor's degree from a regionally accredited institution	<input type="checkbox"/> Option 5: An earned Associate or bachelor's degree from a regionally accredited institution
<input type="checkbox"/> Option 6: Completion of placement test and achievement of appropriate scores. <u>If you took the placement test elsewhere, you MUST submit those scores to Forsyth Tech Admissions & Records</u>	<input type="checkbox"/> Option 6: Completion of placement test and achievement of appropriate scores. <u>If you took the placement test elsewhere, you MUST submit those scores to Forsyth Tech Admissions & Records</u>
<input type="checkbox"/> Option 7: Graduate of a US high school with a GPA of 2.5 or higher	<input type="checkbox"/> Option 7: Graduate of a US high school with a GPA of 2.5 or higher

Biology competency

There are two ways to demonstrate this:

- College-level course with a "C" or better
- High school-level course with a "D" or better

Meet requirements of "No D or F policy":

- While you are taking the related courses to become competitive, you must maintain a C or higher in any related course for the program
- 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 before the deadline **(You cannot do a MAR application with a D or an F as the highest grade)**
- This policy is in place to maintain the integrity of the program and all applicants are held to these standards. There are NO exceptions.

- *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 112 or ENG 114, and the applicant has a D or F in ENG 112 then the choice is to either repeat ENG 112 or take the ENG 114 and earn a C or higher

If you are unsure whether you meet either of these requirements, it is **YOUR** responsibility to speak with your assigned advisor **PRIOR TO** submitting your MAR application.

When we receive the MAR application it will be reviewed to make sure you meet the minimum requirements including taking the TEAS test and meeting the required score. If you do not meet these requirements, you will not be eligible and will not be placed into the applicant pool.

3. Submit ALL official transcripts

Submit all official transcripts from high school and regionally accredited colleges attended. This includes AP scores if applicable for the related courses so please request those early as the College Board does take a few weeks to send them. College transcripts **ONLY** need to be through bachelor's degree level. We do not need graduate level transcripts.

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

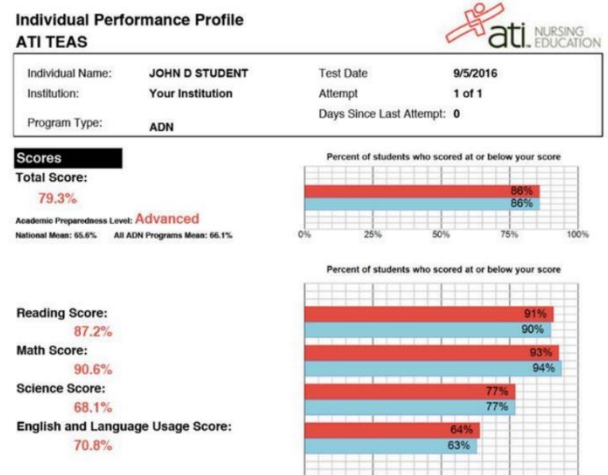
4. Submit a copy of your TEAS score report

Click here to schedule your test: [Link to Schedule TEAS](#)



You must send the score report that shows scores for **ALL** sections of the test as well as the overall score.
 (see picture)

Download your report (no need to pay to request an official report) and email a copy to MAR@forsythtech.edu or bring it to the Admissions and Records office in the Robert L. Strickland Center.



5. Submit the MAR application

Access the online application here:

[MAR application for Radiography](#)

- Applicants can submit their MAR application between **September 6, 2022, and March 24, 2023.**
**** Applicants taking related courses (listed page 5) during the fall 22 semester MUST wait until those grades have posted before completing the MAR so that those course grades can be used for MAR ranking points.**
- Once you have submitted the MAR application, you are on the list, and we will send the paperwork as soon as we are able to complete it. Please note that you will not get a notification when you submit it.
- Your paperwork will be emailed to you when your MAR application is reviewed. This can happen throughout the application process even up through two weeks after the deadline so do not expect to be notified immediately.
- **Check your Forsyth Tech email and keep your phone and address updated with the school.** We will email your MAR application paperwork to your Forsyth Tech email.
- Within 6 weeks after the deadline, you will be notified of 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 in the program

Understanding the Ranking Process:

When the MAR and TEAS score requirements are met, qualified applicants are ranked using a point system. The points come from the grades in the “related courses” that are part of the program and will not only give you points but also lighten the course load if you are admitted into the program. Then your TEAS total score is added to the Related Course points to give you the score that you are being ranked with in the competition for the program.

1. Related Courses

Points are awarded for specific course grades **completed by the deadline.** You are not required to finish all these classes before applying but doing so will help you to get a higher score and be more competitive.

Grade points are valued as follows: A = 4 points, B = 3 points, C = 2 points.

These points are then multiplied by the credit hours for each course. For example, ENG 111 (3 credit hours) with a grade of B (3 points) gives a student 9 total points for that course.

AP credit is based upon the individual scores as follows: 5 = A = 4 points, 4 = B = 3 points, and 3 = C = 2 points.

Please note that if a course is repeated, the highest grade earned will be used in the ranking.

Related Courses	Course Names	Credit Hours
*BIO 163 or 168 & 169, or 165 & 166	Basic Anatomy & Physiology	5
ENG 111	Writing and Inquiry	3
ENG 112 or ENG 114	2 nd level English course	3
PSY 150 or PSY 118	General or Interpersonal Psychology	3
MAT-143 or higher	Quantitative Literacy	3
Humanities/Fine Arts	** (See list of options below)	3

**HUM-115, ART 111, ENG 131, ENG 231, HUM 110, HUM 120, MUS 110, PHI 215, or PHI 240, REL 110.

Only courses completed by the deadline will be used for ranking. Courses must be completed with a “C” or better. There are no age limitations for BIO 163 or BIO 168/169, and BIO 165/166

To qualify for ranking points and transfer credit, courses must satisfy the required semester hours and descriptions. Please note that BIO 165 & 166 must be completed at the same college or university to transfer. Applicants completing BIO 168 & 169 are not restricted to taking both anatomy/physiology courses at the same college or university. **Since BIO 163 is the preferred curriculum course, students taking the two-part sequence (BIO 168/BIO 169 or 165/166) should be aware that the two grades are averaged and multiplied by five credit hours to calculate an equivalent BIO point total.**

MAT 140, MAT 161, and MAT 171 or higher can be used in lieu of MAT 143. Since MAT 143 is a 3-credit course, if a 3-credit College Algebra course is used, the grade will be multiplied by 3 hours. If the college math was 4 credit hours, like MAT 171, then the grade will be multiplied by 4 hours. ***Statistics courses will not count towards ranking points or transfer credit.***

Please note that if a course is substituted for points, it does not guarantee that it will count towards graduation. Accepted students must confirm the course substitution with their program department chair during their first semester in the program.

2. TEAS Total Score

An applicant must test and meet the required minimum 60% or higher Total Score on the TEAS. This score will be used as part of the ranking process.

3. Total Points for Ranking and Selection

The 30 applicants with the highest ranked scores will be admitted. In the event of a tie, the applicant with the higher Science Score on the TEAS will be ranked higher. An alternate list will be maintained in ranking order. Alternates will only be admitted if a space becomes available.

Applicants not admitted to the program must reapply for future consideration.

Accepted student data from the previous 3 years

Please note that the data below is for informational purposes only! Points and criteria vary each year. It is in a student's best interest to accumulate as many points as possible to be as competitive as possible.

Year	Number of qualified applicants	Point range of accepted students
2022	57	136 - 162.8
2021	69	141.3 - 166
2020	44	138.7 - 165

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.

Additional Requirement for Students Admitted into the Radiography Program

Basic Life Support/CPR

Applicants who are **accepted** must also hold **current** basic cardiopulmonary resuscitation (CPR) certification through the American Heart Association **by July 3, 2023**. Approved students must provide appropriate documentation to the Radiography Program Coordinator, to verify the completion of the requirement by the designated deadline.

MAR Ranking points are not awarded for completion of CPR certifications.

It is strongly recommended that you begin working on this certification as soon as possible to meet the deadline, as your admission to the Radiography program will be rescinded if you do not meet the stated deadline above, and you will have to reapply for a future term.

For more information about CPR classes, please contact Forsyth Tech’s Economic and Workforce Development (West Campus) at 336-734-7023.

TEAS: A Guide to Student Success and FAQ

Student success before, during, and after the Radiography program at Forsyth Tech is your goal as well as for the faculty and staff at our college. Success refers to academic achievement, personal and professional goal attainment, and well-being. Preparation and advisement are key components on the road to success for all students.

To better ensure your success, the Radiography faculty has adopted a program that has been demonstrated to assist you in meeting your goals. Part of the success program requirements is an assessment of essential academic skills. The assessment is known as Test of Essential Academic Skills (TEAS), a product of the Assessment Technologies Institute (ATI). The TEAS measures basic skills in the domains of reading, mathematics, science, and English language usage.

To help assist you in being successful on TEAS, the college offers ACA 085 – Improving Study Skills, a 1-credit hour course. Please note that only the online sections of ACA 085 are designed for TEAS prep. ACA 085 is offered as an 8-week, web-based (online sections in the 800 range only) course so you can complete the course anywhere you have internet access. ACA 085 provides an opportunity to review basic skills on the four domains of the TEAS and offers practice tests. Completion of ACA 085 does not grant points towards ranking.

TEAS study books are located on reserve for review in the following locations: Main Campus library (Ardmore building), Stokes County Office (Danbury), Grady Swisher Center (Kernersville), and Mazie Woodruff Center (Carver Road, Winston-Salem).

TEAS study manual and practice test is available for purchase from our college bookstore, or through ATI online at www.atitesting.com.

1. How do I schedule to take the TEAS at Forsyth Tech?

Click here to schedule your test:

[TEAS Appointment link](#)

Once you are scheduled for the test – you would go to the Cashier’s Window (2nd floor of the Allman Center) and pay the test fee prior to testing. On your test day, you must show the receipt of your TEAS payment along with a photo ID (driver’s license or student ID).

2. How and when do I find my score?

At the completion of your computerized test, you will be given instructions on how to access your score. You will be provided a copy of your score at that time. You can also log into ATI and access it at any time.

3. Is the test computer-based?

Yes. A paper and pencil test is available only for students with documented disabilities requiring this accommodation.

4. What if I have a documented learning disability with accommodations?

When you email or call the TEAS Coordinator to schedule your test, you must indicate that you have documented accommodations through Forsyth Tech’s Accessibility Services. Any accommodations must be confirmed by Accessibility Services and the TEAS Coordinator must be notified prior to your test date. Questions regarding accommodations can be directed to Accessibility Services in Robert L. Strickland Center, Room 2423. The TEAS Coordinator will provide test accommodations according to those guidelines confirmed by Accessibility Services.

5. Can I take the test more than once?

You will be allowed 3 attempts to take TEAS at Forsyth Tech. After the second attempt, you must wait 8 weeks to reschedule your third attempt. If you have not met the minimum score, or just want to increase your score, you are encouraged to enroll in an ACA 085 online course or remediate on your own. After the third attempt, you must wait one year from the date of your last test to be eligible to resume the TEAS testing process at Forsyth Tech.

6. How long is my score valid?

Two years from the date you took the test.

7. If I want to improve my score, can I repeat sections of the TEAS?

No, you must take the entire test each time.

8. What is the required score for admission into the Radiography program?

Students must meet the required minimum 60% Total Score. This score will be recorded as part of the admissions ranking score.

9. What do I do if my score was below the 60% Total Score, or I want to increase my score in order to be more competitive for admission?

- a. Review your TEAS results to identify areas in which you need to improve your score.
- b. Enroll in an online section of ACA 085, a one-credit course designed to assist students to remediate specifically on areas of TEAS using a web-based tutorial program, PLATO. This program will allow you to review your basic skills and test in each area for competency.
- c. Review the TEAS study manual located in the campus libraries or purchase your own copy.
- d. Purchase the online TEAS practice assessment and check your score prior to retesting. ATI's website is www.atitesting.com.

10. Will Forsyth Tech accept TEAS scores taken at another school?

Yes, if you choose to take it elsewhere, you must take the most recent TEAS version and have a copy of your score report showing all four sections scores with the total score submitted to MAR@forsythtech.edu

TECHNICAL STANDARDS FOR RADIOGRAPHY PROGRAM COMPLETION

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 an associate degree in Radiography (Radiologic Technology). A prospective radiography student must demonstrate the physical and psychological ability to provide safe, competent patient care. Prospective students must assess their own abilities when choosing radiography as a career. To understand the physical and psychological qualifications needed for successful radiographers, the program technical standards are listed below.

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 the student's ability to start the program. It is the student's responsibility to contact the DSO and request accommodations.

Students will be asked to acknowledge their ability to meet the program technical standards by signing a confirmation statement at program's orientation.

Skills	Description	Specific Examples
Communication	Oral and written communication skills to communicate in English with accuracy, clarity, and efficiency with patients, their families, and other members of the healthcare team, including non-verbal	<ul style="list-style-type: none">• Communicate with clear dictation and in a concise manner to patients, visitors, and other healthcare professionals in various departments• Read, type, and write appropriate instructions and documentations in patients' charts, notes, and medical records accurately

Skills	Description	Specific Examples
	communication, such as interpretation of facial expressions, affect and body language.	<ul style="list-style-type: none"> • Elicit information and cooperation (i.e.: obtaining patient history, giving breathing instructions) • Describe changes in a patient’s mood, activity, and posture • Perceive nonverbal communication (i.e.: pain, lack of understanding) • Recognize and report critical patient information to other caregivers
Critical Thinking/ Problem-Solving	Critical thinking and problem-solving skills sufficient for sound clinical judgment during the performance of radiography.	<ul style="list-style-type: none"> • Organize and accurately perform in proper sequence, and within a specified time, the steps required for radiographic procedures • Ability to remember and recall large amounts of information • Ability to accurately read and transcribe illegible handwriting • Ability to quickly assess patients’ conditions and other emergent situations, determine appropriate courses of action, request assistance or delegate responsibilities to coworkers, and/or respond as needed • Solve problems (i.e.: mathematical computation) • Comprehend three-dimensional relationships (i.e.: anatomical relations) • Understand the spatial relationship of structures • Critical Thinking/ability sufficient for clinical judgement (i.e.: modification of radiographic procedures and/or technical factors to accommodate patient age/or condition)
Emotional/Behavioral	Emotional stability and appropriate behavior sufficient to accept responsibility/accountability for actions.	<ul style="list-style-type: none"> • Deliver unbiased patient care • Establish rapport with patients, healthcare workers, instructors and peers • Ability to calmly and respectfully cope in stressful situations, emergency situations, or in situations involving other personnel • Accept constructive and professional criticism • Follow all program, college, and clinical site policies • Expected to maintain confidentiality at all times • Expected to adhere to the ARRT/ASRT Code of Ethics and Rules of Ethics
Environmental Tolerance	Radiography students may be exposed to communicable diseases and/or blood and body fluids, toxic substances, medical preparations, latex, and ionizing radiation. Students shall use appropriate precautions at all times.	<ul style="list-style-type: none"> • May care for patients with a communicable disease and shall provide all care using universal precautions • Possible exposure to chemicals, irritants, and latex and shall follow all safety and health protection guidelines • May be exposed to ionizing radiation and shall follow radiation protection guidelines at all times

Skills	Description	Specific Examples
Hearing	Auditory ability sufficient for physical monitoring and assessment of patient health care needs and during performance of radiography.	<ul style="list-style-type: none"> • Ability to work in a noisy environment with frequent interruptions • Ability to understand, and respond appropriately to comments, questions, and instructions given in person, over the phone, or from a distance including those given when personnel are wearing surgical masks. • Ability to hear various equipment and background sounds during equipment operations • Hear normal speaking level sounds, auscultatory sounds, and auditory alarms (i.e.: equipment, monitors, fire alarms, call bells, emergency signals, and cries for help)
Motor Skills	Motor abilities required for radiography include gross and fine muscular movements, equilibrium, strength, and functional use of all combined senses for the safe handling of patients, self, and equipment.	<ul style="list-style-type: none"> • Regularly reach up to six (6) feet off the floor • Push, pull, or lift fifty (50) pounds of weight • Transfer immobile patients from stretcher to radiographic table with some assistance from other personnel • Push standard and oversized patient wheelchairs, as well as mobile (portable) x-ray equipment to and from various areas • Standing for extended periods of time along with frequent bending and kneeling • Wearing a five (5) pound lead apron for extended periods of time • Elicit information from patients by palpation, percussion, testing muscle strength and function, penetration of the skin, and other diagnostic maneuvers • Safely perform diagnostic, therapeutic procedures and/or laboratory procedures • Provide other patient services and patient associated services • Safely lift, manipulate, and use equipment • Manual dexterity for patient positioning and with accessory devices and equipment controls • Move within confined spaces such as treatment rooms, patients' rooms, or operating rooms • Administer CPR and maintain current certification
Professional Attitudes and Interpersonal Skills	Present with professional appearance and demeanor; follow instructions and safety protocols and maintain a positive attitude. Demonstrate honesty and integrity beyond reproach. Possess interpersonal abilities sufficient to interact with individuals, families, groups, etc. from a variety of social, emotional,	<ul style="list-style-type: none"> • Allow mature, sensitive, and effective relationships with patients, healthcare workers, instructors, and peers (interpersonal skills) • Maintain all professional boundaries • Display flexibility and adaptations while working with diverse populations • Effectively work within a team and workgroups • Provide prompt and safe completion of all patient care responsibilities

Skills	Description	Specific Examples
	cultural, and intellectual backgrounds.	<ul style="list-style-type: none"> • Exhibit ethical behaviors and exercise good judgement • Display the following: <ul style="list-style-type: none"> • Compassion • Empathy • Integrity • Concern for others • Interest and motivation
Smell	Olfactory ability sufficient to detect significant environmental and patient odors.	<ul style="list-style-type: none"> • Detect odors from patient (foul smelling drainage, alcohol breath) • Detect burning and/or smoke
Technological	Adaptability and skills to utilize current electronic, digital, and medical technologies.	<ul style="list-style-type: none"> • Utilize keyboard or touchscreens for selection and inputting of clinical data into consoles, computers and charts • Adapting to different technologies within the medical field, especially medical imaging
Vision/Observation	Visual ability sufficient for accurate observation and performance of radiography in bright, normal, or dim lighting.	<ul style="list-style-type: none"> • Visually monitor patients • View anatomy and appropriate imaging techniques on radiographic images displayed on hard copy or computer screen, all within a low light environment • Observe changes in equipment operation (i.e.: warnings) • Safely work in dimly lit rooms • Observe and evaluate (i.e.: patient's body habitus, image receptor sizes and selection of appropriate radiographic exposure factors.) • Skillfully use precision instruments such as microscopes, oscilloscopes, gauges, control panels, and other electronic and digital equipment • Observe the results of certain stimuli (i.e.: medication reaction, patient's skin color changes such as cyanosis or pallor)
Other	Adapting to Radiography Program course and clinical schedules, including any unforeseen changes.	<ul style="list-style-type: none"> • Ability to work long and/or varied hours • Tolerate physically taxing workloads • Adapt to changing environments (i.e.: flexible schedules)

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.