



**Forsyth Technical Community College  
2100 Silas Creek Parkway  
Winston-Salem, NC 27103-5197**

**Radiography  
Fall 2020 Deadline: March 26, 2020  
\*\*\*Admissions Information\*\*\***

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

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 accepted to the program to **20 students** for the fall. The Radiography program does not reserve seats for high school seniors, however high school seniors 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, however, that meeting minimum requirements does not guarantee admission.**

When applicants have completed all of the minimum requirements, they must meet with the Admissions team for a Minimum Admissions Requirements (MAR) Review. This must be completed by the deadline date stated above. Qualified applicants will be ranked based on criteria listed in this packet. Applicants not admitted to the program must reapply, complete a new health information session and complete a new MAR Review if they wish to be considered for the following year's class.

**PHASE I: APPLICATION PROCESS**

The following steps must be completed by March 26, 2020 for the fall 2020 program.

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.** This form can be returned to the Admissions Office via email, fax, mail, or hand delivery. 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, GED, HiSet, or 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 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](mailto: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. Official copies are required to assign points for ranking. 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 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.

**OR**

- 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.

**OR**

- 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.

**OR**

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

**OR**

- 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**

DMA-010	7 (or higher)
DMA-020	7 (or higher)
DMA-030	7 (or higher)
DMA-040	7 (or higher)
DMA-050	7 (or higher)

**NC-DAP DRE**

DRE Composite Score 151 (or higher)

Applicants taking the NC-DAP for math must demonstrate mastery in DMA 010, 020, 030, 040, and 050.

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**

Sentence Skills	86
Reading Comp.	80
Arithmetic	55
Algebra	55

**COMPASS**

Writing	70
Reading	81
Pre-Algebra	47
Algebra	46

**ASSET**

Writing Skills	41
Reading Skills	41
Numerical Skills	41
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**

75 or higher in tier 2

**Rise for Math**

75 or higher in Tier 2

**Important Information**

Applicants who do not meet any of the above methods completely must enroll in either or both the English (Eng. 002 tier 2) and Math (Math 003 tier 2) 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 course must be passed with a “C” or higher to remain eligible for admission. Applicants who do not pass the course with a “C” or higher will not be eligible for the 2020 program.

**2. Biology Competency**

Applicants must have completed a high school biology course. If the course was not completed at the high school level, an applicant must complete the course at the college level. There is no age limitation on the high school or college level course.

**3. No “D” or “F” Policy**

**This policy is in place to maintain the integrity of our Radiography program and all Radiography applicants are held to this standard. There are NO exceptions.**

Applicants must earn a grade of “C” or higher in all general education courses attempted to become 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 on pg. 5) as of the stated deadline will not be eligible to complete a MAR review for the Radiography program.** If the grades of “D” or “F” are earned after acceptance to the program, the course must be repeated and a “C” or higher earned before the student will be allowed to enroll in the program. Failure to remove the grade of “D” or “F” will result in the loss of admission to the Radiography program.

*\*For example: Students who earned a D or F in a related course during the fall semester and are currently repeating it in spring semester are NOT eligible to compete for the program because the course will not be completed and a grade posted by the deadline date.*

## **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 fall 2020 program **must** complete the MAR Review between the dates of September 3, 2019 and the deadline of March 26, 2020. Applicants for the fall 2020 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 is not the office responsible for transcript evaluations.

Due to new state regulations regarding residency, applicants are strongly encouraged to complete both RDS and the online application prior to coming in to complete the MAR Review. It may not be possible to complete both steps at the time of MAR. This is of particular note to applicants applying close to the deadline.

### **When can I complete my MAR Review?**

#### **Fall 2020 Applicants**

If you are applying for fall 2020 and will not be taking any related courses (pg. 5) in fall 2019 you can complete your MAR:	If you are applying for fall 2020 and are taking related courses (pg. 5) during the fall 2019 semester, you can complete your MAR:
<b>September 3 - March 26*</b>	<b>January 21 - March 26*</b>

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. **Please note that only one counselor is available after 5:00 p.m.** The Admissions Office is located in the Robert Strickland Center Room 2361.

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

October 15 – school closed

November 11 – 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

Please note: MAR reviews held during fall and spring break will end at 4:00 pm.

Fall Break: 10-16 – 10-17

Spring Break: 3/18 – 3/19

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

## **RANKING PROCESS**

After completion of Phase I and II, applicants who complete a MAR Review are ranked using a point system. As this is a selective enrollment program, it is in the student's best interest to achieve as many ranking points as possible. The components of the ranking system include the following items:

### **1. Related Courses**

Points are awarded for specific course grades completed by the deadline. Grade points are valued as follows: A= 4 points, B= 3 points and C= 2 points. These points are then multiplied by the credit hours for each course. For example, English 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. No AP credit is awarded for a score of 2 or lower.

Related academic courses and approved substitutions are listed below. Only courses completed by the deadline will be used for ranking. Courses must be completed with a "C" or higher. There are no age limitations for BIO 163, BIO 165/166 or BIO 168/169. Please note: if a course is repeated, the highest grade earned will be used in the ranking.

<u><b>Related Course Titles- College Applicants Only</b></u>	<u><b>Credit Hours</b></u>
*BIO 163 or BIO 165 <b>&amp;</b> 166 or BIO 168 <b>&amp;</b> 169	5
ENG 111	3
ENG 112 or ENG 114	3
PSY 118 or PSY 150	3
**MAT 143	3/4
Humanities/Fine Arts elective (HUM 115 preferred)	3

**\*To qualify for ranking points and transfer credit, BIO 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 courses at the same college or university. Since BIO 163 is the preferred curriculum course, students taking the two part sequence (BIO 168/169 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.**

**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.**

**\*\* MAT 115, 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.**

## **PHASE IV: Test of Essential Academic Skills (TEAS)**

Once the MAR Review has been completed, applicants will receive information to schedule the TEAS. This test assesses how well a student is academically prepared for learning allied health related content. TEAS scores are **valid for two years**. If the TEAS is taken somewhere other than Forsyth Tech, please be aware that it cannot be Version 5 or lower. It is the applicant's responsibility to submit a copy of the scores to the Admissions Office by the deadline date. Detailed information regarding TEAS is included at the end of this packet. **\*\* See FAQ Section\*\***

An applicant must test and meet the required **60% or higher** on the Adjusted Individual Total Score to be eligible for consideration. **A minimum score of 60% does not guarantee acceptance into the RAD Program.**

**IMPORTANT:** You must complete the TEAS by the deadline date in order to be considered for selection. You will not be eligible to take the TEAS Test, or be considered for the program, until you complete the MAR Review. Failure to complete the Review in a timely manner could impact your ability to meet the TEAS Test deadline at Forsyth Tech.

### **Total Points for Ranking**

Adding the related course grade points and the TEAS Adjusted Individual Total Score will determine the ranking score used in the selection process. The 20 applicants with the highest-ranked scores will be accepted. In the event of a tie, the applicant with the higher **Science Score on the TEAS** will be ranked higher. An alternate list will also be maintained in ranking order. Applicants not admitted to the program must reapply and complete a new MAR Review in order to be considered for the following year's class.

### **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
2019	67	81-97
2018	51	80-96
2017	55	79.5-94

Please note that the TEAS requirement is new for 2020 and points are expected to be greatly impacted.

### **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.

### **Medical Training Requirements**

Applicants who are **accepted** to the Radiography program must successfully complete a NC state approved Nursing Assistant I (NA I) program by **August 14, 2020**. **Since NA I is usually a 6 week-long course, accepted students must begin the course in time to complete it by the stated August 14, 2020 deadline.** Possession of a higher-level certification such as Certified Nursing Assistant II (CNA II), Certified Medical Assistant (CMA), Emergency Medical Technician (EMT B or I), Paramedic, or Military Corpsman will also be accepted to meet this requirement.

Applicants who are **accepted** must also hold **current** American Heart Association Health Care Provider cardiopulmonary resuscitation (CPR) certification by **August 14, 2020**.

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

It is **strongly recommended** that you begin working on these certifications prior to acceptance to the Radiography program. Nursing Assistant I and CPR training courses fill up quickly. If you are unable to complete these requirements by the deadline set by the Radiography department after acceptance, you will lose your seat in the program.

Approved students must provide the appropriate documentation to the Radiography Program Coordinator's office to verify the completion of these requirements by **August 14, 2020**.

CNA I, EMT, and CPR certifications can be completed through Forsyth Tech's Economic and Workforce Development - Education Division (336) 734-7023. CPR certification is included in the NA I course.

June 2019

## **TEAS: A Guide to Student Success**

The faculty and staff at Forsyth Tech want to ensure your success in this medical field. Success refers to academic achievement, personal and professional goal attainment, and wellbeing. Preparation and advisement are key components on the road to success for all students.

To better ensure your success, the RAD faculty have adopted a program to assist you in meeting your goals. Part of the 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.

In order to help assist you in being successful on the TEAS, the college offers ACA 085 – Improving Study Skills, a 1-credit hour course. ACA 085 is offered as an 8-week, web-based (online) 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 eligibility to take the TEAS nor does it 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 books and practice tests can be purchased from ATI online at [www.atitesting.com](http://www.atitesting.com).

### **Frequently Asked Questions about TEAS Testing**

#### ***1. When am I eligible to take the TEAS?***

After you complete the MAR review, you are put on a list of eligible students to take the TEAS at Forsyth Tech. If you choose to take it elsewhere, you can take the TEAS at any point in the process as long as you submit the scores to us by the deadline.

#### ***2. What are the basic steps to scheduling the TEAS?***

You will receive information regarding the TEAS during your MAR Review. The test is given on Main Campus. You will receive dates, times, and the location for the TEAS by the TEAS Coordinator. 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). PLEASE NOTE: The test proctor cannot accept payment!

#### ***3. 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.

#### ***4. Is the test computer-based?***

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

#### ***5. What if I have a documented learning disability with accommodations?***

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



**6. Can I take the test more than once?**

You will be allowed 3 attempts to meet the minimum Adjusted Individual Total Score. After the second attempt, if you do not achieve the minimum score, then you must wait 8 weeks to reschedule your final attempt. During this time, you are encouraged to enroll in ACA 085 or remediate on your own. If you are unsuccessful after the third attempt, you must wait one year from the date of your last attempt to be eligible to resume the TEAS testing process. You will need to reapply for the program, and complete an Allied Health Information Session and MAR Review.

**7. How long is my score valid?**

Two years

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

No, you must take the entire test each time.

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

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

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

- Review your TEAS results to identify areas in which you need to improve your score.
- Enroll in 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.
- Review the TEAS study manual located in the campus libraries, or purchase your own copy.
- Purchase the online TEAS practice assessment and check your score prior to retesting. ATI's website is [www.atitesting.com](http://www.atitesting.com).

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

Yes. A copy of the Individual Performance Profile sheet must be submitted to the Admissions Office by the application deadline. If the TEAS is taken somewhere other than Forsyth Tech, please be aware that it cannot be Version 5 or lower.

## 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's 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 communication, such as interpretation of facial expressions, affect and body language.	<ul style="list-style-type: none"> <li>• Communicate with clear dictation and in a concise manner to patients, visitors, and other healthcare professionals in various departments</li> <li>• Read, type, and write appropriate instructions and documentations in patients' charts, notes, and medical records accurately</li> <li>• Elicit information and cooperation (i.e.: obtaining patient history, giving breathing instructions)</li> <li>• Describe changes in a patient's mood, activity, and posture</li> <li>• Perceive nonverbal communication (i.e.: pain, lack of understanding)</li> <li>• Recognize and report critical patient information to other caregivers</li> </ul>
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"> <li>• Organize and accurately perform in proper sequence, and within a specified time, the steps required for radiographic procedures</li> <li>• Ability to remember and recall large amounts of information</li> <li>• Ability to accurately read and transcribe illegible handwriting</li> <li>• 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</li> <li>• Solve problems (i.e.: mathematical computation)</li> <li>• Comprehend three-dimensional relationships (i.e.: anatomical relations)</li> <li>• Understand the spatial relationship of structures</li> <li>• Critical Thinking/ability sufficient for clinical judgement (i.e.: modification of radiographic procedures and/or technical factors to accommodate patient age/or condition)</li> </ul>
Emotional/Behavioral	Emotional stability and appropriate behavior sufficient to accept	<ul style="list-style-type: none"> <li>• Deliver unbiased patient care</li> </ul>

	responsibility/accountability for actions.	<ul style="list-style-type: none"> <li>• Establish rapport with patients, healthcare workers, instructors and peers</li> <li>• Ability to calmly and respectfully cope in stressful situations, emergency situations, or in situations involving other personnel</li> <li>• Accept constructive and professional criticism</li> <li>• Follow all program, college, and clinical site policies</li> <li>• Expected to maintain confidentiality at all times</li> <li>• Expected to adhere to the ARRT/ASRT Code of Ethics and Rules of Ethics</li> </ul>
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"> <li>• May care for patients with a communicable disease and shall provide all care using universal precautions</li> <li>• Possible exposure to chemicals, irritants, and latex and shall follow all safety and health protection guidelines</li> <li>• May be exposed to ionizing radiation and shall follow radiation protection guidelines at all times</li> <li>• Ability to work in a noisy environment with frequent interruptions</li> </ul>
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"> <li>• 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.</li> <li>• Ability to hear various equipment and background sounds during equipment operations</li> <li>• Hear normal speaking level sounds, auscultatory sounds, and auditory alarms (i.e.: equipment, monitors, fire alarms, call bells, emergency signals, and cries for help)</li> </ul>
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"> <li>• Regularly reach up to six (6) feet off the floor</li> <li>• Push, pull, or lift fifty (50) pounds of weight</li> <li>• Transfer immobile patients from stretcher to radiographic table with some assistance from other personnel</li> <li>• Push standard and oversized patient wheelchairs, as well as mobile (portable) x-ray equipment to and from various areas</li> <li>• Standing for extended periods of time along with frequent bending and kneeling</li> <li>• Wearing a five (5) pound lead apron for extended periods of time</li> <li>• Elicit information from patients by palpation, percussion, testing muscle strength and function, penetration of the skin, and other diagnostic maneuvers</li> <li>• Safely perform diagnostic, therapeutic procedures and/or laboratory procedures</li> <li>• Provide other patient services and patient associated services</li> <li>• Safely lift, manipulate, and use equipment</li> <li>• Manual dexterity for patient positioning and with accessory devices and equipment controls</li> </ul>

		<ul style="list-style-type: none"> <li>• Move within confined spaces such as treatment rooms, patients' rooms, or operating rooms</li> <li>• Administer CPR and maintain current certification</li> </ul>
Professional Attitudes and Interpersonal Skills	<p>Present with professional appearance and demeanor; follow instructions and safety protocols and maintain a positive attitude. Demonstrate honesty and integrity beyond reproach.</p> <p>Possess interpersonal abilities sufficient to interact with individuals, families, groups, etc. from a variety of social, emotional, cultural and intellectual backgrounds.</p>	<ul style="list-style-type: none"> <li>• Allow mature, sensitive and effective relationships with patients, healthcare workers, instructors and peers (interpersonal skills)</li> <li>• Maintain all professional boundaries</li> <li>• Display flexibility and adaptations while working with diverse populations</li> <li>• Effectively work within a team and workgroups</li> <li>• Provide prompt and safe completion of all patient care responsibilities</li> <li>• Exhibit ethical behaviors and exercise good judgement</li> <li>• Display the following: <ul style="list-style-type: none"> <li>• Compassion</li> <li>• Empathy</li> <li>• Integrity</li> <li>• Concern for others</li> <li>• Interest and motivation</li> </ul> </li> </ul>
Smell	Olfactory ability sufficient to detect significant environmental and patient odors.	<ul style="list-style-type: none"> <li>• Detect odors from patient (foul smelling drainage, alcohol breath)</li> <li>• Detect burning and/or smoke</li> </ul>
Technological	Adaptability and skills to utilize current electronic, digital, and medical technologies.	<ul style="list-style-type: none"> <li>• Utilize keyboard or touchscreens for selection and inputting of clinical data into consoles, computers and charts</li> <li>• Adapting to different technologies within the medical field, especially medical imaging</li> </ul>
Vision/Observation	Visual ability sufficient for accurate observation and performance of radiography in bright, normal or dim lighting.	<ul style="list-style-type: none"> <li>• Visually monitor patients</li> <li>• View anatomy and appropriate imaging techniques on radiographic images displayed on hard copy or computer screen, all within a low light environment</li> <li>• Observe changes in equipment operation (i.e.: warnings)</li> <li>• Safely work in dimly lit rooms</li> <li>• Observe and evaluate (i.e.: patient's body habitus, image receptor sizes and selection of appropriate radiographic exposure factors.)</li> <li>• Skillfully use precision instruments such as microscopes, oscilloscopes, gauges, control panels, and other electronic and digital equipment</li> <li>• Observe the results of certain stimuli (i.e.: medication reaction, patient's skin color changes such as cyanosis or pallor)</li> </ul>
Other	Adapting to Radiography Program course and clinical schedules, including any unforeseen changes.	<ul style="list-style-type: none"> <li>• Ability to work long and/or varied hours</li> <li>• Tolerate physically taxing workloads</li> <li>• Adapt to changing environments (i.e.: flexible schedules)</li> </ul>

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.