Respiratory Therapy

Fall 2018 Deadline: March 22, 2018

***Admissions Information***

Respiratory Therapy 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 20-25 students for the fall. The Respiratory Therapy program does not reserve seats for high school seniors. Respiratory Therapy is a two-year, associate degree, advanced level 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 an Admissions Counselor for a Respiratory Therapy Minimum Admissions Requirement (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, 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 22, 2018 for the fall 2018 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 Respiratory Therapy Open House/Orientation (RTOHO) session tutorial and return the electronic signature form. This form can be returned to the Admissions Office via email, fax, mail, or hand delivery. The online RTOHO is located at www.forsythtech.edu under Health Technologies or accessed through the Respiratory Therapy homepage at the following hyperlink: http://www.forsythtech.edu/credit-programs/credit-track/programs-by-division/health-technologies/respiratory-therapy

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

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

5. Have official transcripts from all colleges or schools attended since high school sent to the Admissions Office. 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. We strongly recommend that official college transcripts 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.

NOTE: The information provided in this packet is subject to change annually.
PHASE II: MINIMUM ADMISSIONS REQUIREMENTS

1. Placement Testing - All applicants must demonstrate English, Reading and Math Competencies to be eligible for program consideration. There are 4 different ways that these competencies can be met:

   a. **Multiple Measures- high school GPA:**

   1. If applicant has graduated from a NC high school legally authorized to operate in the state AND
   2. Has graduated from high school within the past 5 years* AND
   3. Has eligible 4th level high school math course** AND
   4. Has a 2.6 or higher high school unweighted GPA*** THEN
   5. The placement testing minimum admissions requirement has been met.

   *If applicant is currently enrolled in high school, 1st semester senior grades/GPA must be submitted before the high school GPA can be used to waive placement testing by Multiple Measures. **The list of eligible 4th level math courses is available in the Admissions Office. ***High school transcript must clearly indicate that the GPA is unweighted.

   b. **SAT/ACT scores (valid for five years): Specific scores will waive specific tests**

   For tests taken prior to March 2016:
   
   SAT Critical Reading- 500+ OR SAT Writing- 500+ or ACT Reading- 22+ OR ACT English- 18+ will exempt applicants in Reading Comp. and Sentence Skills.

   SAT Math- 500+ OR ACT Math- 22+ will exempt applicants in Math skills.

   For tests taken in March 2016 or later (note change in SAT scores):

   SAT Evidence Based Reading and Writing- 480+ or ACT Reading- 22+ OR ACT English- 18+ will exempt applicants in Reading Comp. and Sentence Skills.

   SAT Math- 530+ OR ACT Math- 22+ will exempt applicants in Math skills.

   c. **Completion of College level English and/or Math**

   A grade of “C” or higher in a college level English composition or math course, that meets program MAR requirements, can waive placement testing once the transcript(s) has been received and reviewed.

   d. **Placement Test Scores (all scores are valid for 5 years):**

<table>
<thead>
<tr>
<th>CPT</th>
<th>COMPASS</th>
<th>ASSET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sentence Skills</td>
<td>Writing</td>
<td>Writing Skills</td>
</tr>
<tr>
<td>Reading Comp.</td>
<td>Reading</td>
<td>Reading Skills</td>
</tr>
<tr>
<td>Arithmetic</td>
<td>Pre-Algebra</td>
<td>Numerical Skills</td>
</tr>
<tr>
<td>Algebra</td>
<td>Algebra</td>
<td>Elem. Algebra</td>
</tr>
</tbody>
</table>
The NC-DAP Math (DMA) and NC-DAP Reading and English (DRE) have replaced the above tests at all NC Community Colleges. The following are the required scores for those taking NC-DAP:

<table>
<thead>
<tr>
<th>NC-DAP DMA</th>
<th>NC-DAP DRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMA-010 7 (or higher)</td>
<td>DRE Composite Score 151 (or higher)</td>
</tr>
<tr>
<td>DMA-020 7 (or higher)</td>
<td></td>
</tr>
<tr>
<td>DMA-030 7 (or higher)</td>
<td></td>
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<tr>
<td>DMA-040 7 (or higher)</td>
<td></td>
</tr>
</tbody>
</table>

Applicants taking the **NC-DAP for math** must demonstrate mastery in DMA 010, 020, 030, and 040. Applicants taking the **NC-DAP Reading Comprehension and Sentence Skills** must demonstrate mastery in DRE 096, 097 and 098.

Applicants not meeting the required mastery or the minimum scores should enroll in the appropriate DRE/DMA course(s). 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.

2. **Biology and Chemistry Competency**
   Applicants must have completed a high school biology and chemistry course. If the course(s) were not completed at the high school level, an applicant must complete the course(s) at the college level with a grade of “C” or better. Once this course competency is met, it does not outdate.

3. **No “D/F” Policy**
   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 on pg. 5) as of the stated deadline will NOT be eligible to complete a MAR review for the Associate Degree Respiratory Therapy program.** If a grade of “D” or “F” is 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 respiratory therapy program. Failure to remove a grade of “D” or “F” will result in the loss of admission into the Respiratory Therapy program.
PHASE III: MINIMUM ADMISSIONS REQUIREMENT (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 2018 program must complete the MAR Review between the dates of September 5, 2017 and the deadline of March 22, 2018. Applicants for the fall 2018 program will not be considered for admission until this step is completed.

Due to new state regulations regarding residency, applicants are strongly encourage to complete both RDS and the online application prior to coming in to complete the MAR. 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?

<table>
<thead>
<tr>
<th>Fall 2018 Applicants</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>If you are applying for fall 2018 and have completed all of your related classes or will be taking classes during the summer semester only, you can complete your MAR:</td>
<td>If you are applying for fall 2018 and are taking any curriculum classes during the fall semester, you can complete your MAR:</td>
</tr>
<tr>
<td>September 5 - March 22*</td>
<td>January 22 - March 22*</td>
</tr>
</tbody>
</table>

*MAR reviews will not be conducted October 9-13, November 20-24, December 18- January 19, and February 19-22.

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 Oak Grove Center, room 2361. Please note that only one counselor is available after 5:00 p.m.

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. Official transcripts should be submitted 5-7 business days prior to coming in to do a MAR review.

Reminder: MAR reviews will not be conducted on Fridays.

PHASE IV: MAR REVIEW 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. **Anatomy and Physiology (Biology) and Chemistry courses over five years old will not be considered for transfer credit or points in the ranking process.** Please note: if a course is repeated, the most recent grade earned will be used in the ranking.

<table>
<thead>
<tr>
<th>Related Course Titles-</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>College Applicants Only</strong></td>
<td></td>
</tr>
<tr>
<td>*BIO 163 or BIO 165 &amp; 166 or BIO 168 &amp; 169</td>
<td>5</td>
</tr>
<tr>
<td>CHM 131/131A or CHM 130/130A or CHM 151</td>
<td>4</td>
</tr>
<tr>
<td>ENG 111</td>
<td>3</td>
</tr>
<tr>
<td>ENG 112 or ENG 114 or ENG 115 or COM 120 or COM 231</td>
<td>3</td>
</tr>
<tr>
<td>PSY 118 or PSY 150</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Fine Arts Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

*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 courses at the same college or university. Points will not be awarded for just one part of a two part series (e.g., just having completed BIO 165 or 168, as each course is part I of a II-part sequence). 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.*
2. **Related Experience Points:** Must be submitted at time of MAR Review.

Points will be awarded for the completion of the following. Please note, these are not requirements for admission to the program. Appropriate documentation must be submitted for points to be awarded. **Points for degrees and diplomas will be given for the highest credential earned. Students may not earn multiple points for multiple academic degrees.**

- 7 points Completion of a master’s degree or higher.
- 6 points Completion of an Allied Health related bachelor’s degree.
- 5 points Completion of a Non-Allied Health bachelor’s degree.
- 4 points Completion of an Allied Health related associate’s degree.
- 3 points Completion of a Non-Allied Health associate’s degree.
- 2 points Completion of an Allied Health related diploma.
- 1 point Completion of a Non-Allied Health diploma.
- 5 points Licensed Paramedic – (Must be valid and current)
- 5 points Registered Nurse (RN) – (Must be valid and current)
- 3 points Licensed Practical Nurse (LPN) – (Must be valid and current)
- 2 points Licensed EMT – (Must be valid and current)
- 2 points Phlebotomist – (Must be valid and current)
- 2 points CNA II – (Must be valid and current)
- 1 point CNA I – (Must be valid and current)

3. **Additional Course Points:** Additional points will be given for the following courses including those in the Respiratory Therapy curriculum’s general education related courses listed previously. A final grade of “B” or higher must be verified by an official college/university transcript and submitted by the time of the MAR review to receive points. Individual points (limited to one course per line) will only be awarded for the specific courses identified below.

<table>
<thead>
<tr>
<th>Additional Courses</th>
<th>Points for A</th>
<th>Points for B</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 163, 165, 166, 168, or 169</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>CHM 131, 151, or higher (lecture only)</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>MAT 110, 115, 140 or higher</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>BIO 271</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>BIO 275</td>
<td>4</td>
<td>2</td>
</tr>
</tbody>
</table>

**All science courses are only valid for 5 years**

4. **Total Points for Ranking**
Adding together the grade points and related experience points will determine the applicant’s total points for ranking. Students with the highest point total will be accepted. In the event of a tie, the applicant with the higher Related Courses points will be ranked higher. An alternate list will also be developed. 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.

**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.

*Point range for accepted students for Fall 2017 increased due to additional courses added to curriculum and additional points added to the ranking process.*

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of qualified applicants</th>
<th>Point range of accepted students</th>
</tr>
</thead>
<tbody>
<tr>
<td>*2017</td>
<td>32</td>
<td>66-97</td>
</tr>
<tr>
<td>2016</td>
<td>51</td>
<td>60-69</td>
</tr>
<tr>
<td>2015</td>
<td>56</td>
<td>57-72</td>
</tr>
</tbody>
</table>

**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.

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

June 2017

**Technical Standards for Program Completion**
The Associate Degree in Applied Science in Respiratory Therapy signifies that the graduate is prepared for entry into the practice of Respiratory Therapy. 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.

Candidates for the degree must have a variety of abilities and skills in the areas of:

- Sensory Abilities
- Communication
- Motor and Function
- Intellect: Conceptual, Integrative, and Quantitative
- Behavioral and Social Skills

*Technical compensation (i.e., eyeglasses, hearing aids) can be made for some handicaps in certain areas but a candidate must be able to perform in a reasonable independent manner.

**Sensory:** Abilities required of a candidate include sensory abilities sufficient to:

1. Visually distinguish data from instruments/machines such as microcomputers, monitor screens, gauges, control panels, and other electronic and digital equipment.
2. Perceive color variations and depth.
3. Observe an individual’s presentation (appearance).
4. Distinguish the pitch, intensity, quality, duration, and clarity of sounds (i.e., auscultation of the chest, recognizing various audio alarms and identifying various percussion tones).
5. Perceive a variety of odors (i.e., smelling overheated equipment, changes in sputum odor, etc.).
6. Perceive variations of touch (i.e., texture differences, hot/cold, pulsations, etc.).

The senses of vision, smell, touch and hearing are necessary for a candidate to effectively function in the Respiratory Care Program.

**Communication Skills:** Required by candidate include the ability to speak, hear, and observe patients and effectively communicate with physicians and other health care professionals in order to:

1. Elicit information (i.e., questioning of the patient and other healthcare workers).
2. Describe changes in mood, activity, and posture.
3. Perceive nonverbal communication.

The candidate must be able to communicate effectively and sensitively with patients including not only speech and hearing but reading, writing, and electronic forms. A candidate must be able to communicate effectively and efficiently in oral and written form with members of the health care team.
**Motor and Function Abilities:** Requirements of a candidate include gross and fine muscular movements, equilibrium, strength, and functional use of the senses of touch and vision for the safe handling of patients, self and equipment in order to:

1. Elicit information from patients by palpation, auscultation, percussion, testing muscle strength and function, penetration of the skin, and other diagnostic maneuvers.
2. Safely perform therapeutic procedures and/or laboratory procedures.
3. Provide other patient services and patient-associated services.
4. Safely lift, manipulate, and use equipment.

The candidate must have these abilities to provide safe care for patients in various states of mobility and awareness.

**Intellectual: Conceptual, Integrated and Quantitative Abilities:** Required of a candidate include measurement, calculation, reasoning, analysis, and synthesis to:

1. Solve problems (i.e., mathematical computations and patient care problem-solving).
2. Comprehend three dimensional relationships (i.e., anatomical relations).
3. Understand the spatial relationship of structures.

The candidate must have these abilities to accurately calculate, analyze, synthesize, and report appropriate physiologic patient/equipment data.

**Behavioral and Social Skills:** Required of a candidate:

1. Allow mature, sensitive and effective relationships with patients, clients, and fellow workers (interpersonal skills).
2. Tolerate physically and mentally taxing workbooks.
3. Function effectively under stress.
4. Adapt to changing environments (i.e., flexible schedules).
5. Display flexibility and ability to function during uncertainty inherent in health care (i.e., emergency conditions).
6. Display:
   1. Compassion
   2. Empathy
   3. Integrity
   4. Concern for others
   5. Interest and motivation
   6. Professional demeanor

The candidate must have these abilities to provide empathetic support to patients and to effectively and efficiently interact with patients and their families, colleagues and all customers in health care.

All of the above abilities, skills and knowledge in a candidate will be continually tested and evaluated during the educational process of this program.