



**Division of Health Sciences • 101 Cunningham Blvd • Booneville, Mississippi 38829  
Phone (662) 720-7236/(800) 555-2154 Fax (662) 720-7215**

Dear Applicant,

Thank you for your interest in the Northeast Mississippi Community College Respiratory Care Technology program.

The Respiratory Care Technology Program offers a basic two-year associate degree program of study. Students are trained to perform clinical tasks included in the Respiratory Therapist's job description and in many instances fill staff and supervisory positions in the hospital environment. Students are also trained to perform clinical tasks included in the advanced practitioner job description.

Students will follow a 2-year course study designed to integrate the study of basic sciences, respiratory care and applied clinical technique as well as advanced respiratory care courses which include specialized clinical rotations. Upon completion of the program, graduates receive an Associate of Applied Science degree. After graduation the student will be eligible to take the certification examination administered by the National Board of Respiratory Care (NBRC). After passing this exam, students are then eligible to take the written and clinical simulation registry examinations also administered by the NBRC.

In this packet you will find:

1. Requirements that need to be completed before you will be admitted to Northeast Mississippi Community College Respiratory Therapy Program.
2. Respiratory Therapy Program application form.
3. Information about the program and clinical affiliates.

### **Technical Standards**

Any individual considering the field of Respiratory Care should consider the following technical standards:

- Push and pull wheelchair with patient seated in wheelchair
- Lean over to lock wheelchair and lift footrests.
- Lift patient's feet off footrests, if necessary.
- Push and pull stretchers with patient resting on a stretcher, lock and unlock stretchers for patient transfer.
- Use draw sheet to transfer patient from stretcher bed.
- Push mobile equipment; maneuver around patient bed and through hallways in various locations in the hospital.
- Verbally instruct patient in clear, concise, easily understandable manner.

- Visually assess patient's condition.
- Hear patient's questions and requests and respond quickly.
- Interact appropriately with patients, co-workers, visitors, and hospital staff.
- Read and comprehend written communications (i.e. charts, diagrams, etc.)
- Provide written communication to medical and technical staff.
- Demonstrate manual dexterity in handling of items such as medication vials and droppers, syringes and needles, and sterile items.
- Ability to ascend and descend stairway in case of fire or absence of elevator.
- Be able to deliver effect chest compressions during a resuscitation effort.

### **Description of the Profession of Respiratory Care**

Respiratory therapists are members of a team of health care professionals working in a wide variety of clinical settings to evaluate, treat, and manage patients of all ages with respiratory illnesses and other cardiopulmonary disorders. As members of this team, respiratory therapists should exemplify the standards and ethics expected of all health professionals. The scope of practice for respiratory therapy includes, but is not limited to:

- Acquiring and evaluating clinical data
- Assessing the cardiopulmonary status of patients
- Performing and assisting in the performance of prescribed diagnostic studies such as: obtaining blood samples, blood gas analysis, pulmonary function testing, and polysomnography.
- Evaluating data to assess the appropriateness of prescribed respiratory care.
- Establishing therapeutic goals for patients with cardiopulmonary disease.
- Participating in the development and modification of respiratory care plans.
- Case management of patients with cardiopulmonary and related diseases.
- Initiating prescribed respiratory care treatments, evaluating and monitoring patient responses to such therapy and modifying the prescribed therapy to achieve the desired therapeutic objectives.
- Initiating and conducting prescribed pulmonary rehabilitation.
- Providing patient, family, and community education.
- Promoting cardiopulmonary wellness, disease prevention, and disease management.
- Participating in life support activities as required and promoting evidence-based medicine, research, and clinical practice guidelines.

### **The Clinical Phase of Instruction**

The clinical phase of the Respiratory Care Program is the “heart” of the students’ educational experiences. Under the supervision of the clinical instructor, the student has the opportunity to learn firsthand the internal operation of his or her particular field of study. The student will, furthermore, be able to apply many of the skills of and concepts learned in the classroom to the clinical situation. The combination of theoretical knowledge obtained in the classroom environment will enable the student to obtain the well-rounded background so urgently needed in our contemporary society.

There are several factors you need to consider before entering the program:

1. It is necessary that you have transportation to the assigned hospitals. Clinical experiences are provided in the hospitals below.

Clinical rotations may include a 3-11 shift or other non-traditional hours.

- Baptist Memorial Hospital - Booneville, MS
  - Baptist Memorial Hospital - New Albany, MS
  - Baptist Memorial Hospital - Oxford, MS
  - Magnolia Hospital - Corinth, MS
  - North Mississippi Medical Center - Tupelo, MS
  - Eliza Coffee Memorial Hospital - Florence, AL
  - Jackson-Madison County General Hospital – Jackson, TN
  - Helen Keller Hospital – Sheffield, AL
  - Shoals Hospital – Muscle Shoals, AL
2. Due to the complexity of the didactic phases of this course you may have from 3-5 hours of homework nightly. It is important that you commit yourself to studying prior to entering the program.
  3. Students enrolled in this program will be strongly urged not to work more than twenty (20) hours a week.
  4. No unexcused absences will be accepted for clinical and classroom work.
  5. It is the intent of this program to train committed individuals to become caring, competent technicians. Good attendance is a must to accomplish this goal.

### **CRIMINAL BACKGROUND CHECKS**

The NEMCC Allied Health Program and the State of Mississippi requires that all students validate no history of “conviction of or pled guilty to or nolo contendere to a felony of possession or sale of drugs, murder, manslaughter, armed robbery, rape, sexual battery, any sex offence listed in Section 45-33-23(g), child abuse, arson, grand larceny, burglary, gratification of lust, aggravated assault, or felonious abuse and/or battery of a vulnerable adult or that any such conviction or plea was reversed on appeal or a pardon was granted for the conviction or plea.” (Mississippi Code of 1972. Section 43-11-13).

Students are required to sign and have notarized an affidavit provided that there are no offences as listed in the above underline paragraph. (If a student is unsure or unclear as to his/her legal history, he/she should contact a legal advisor or the appropriate law enforcement officials to obtain this personal information.

Should a student be unable to sign the affidavit, he/she must comply with the State Board of Health fingerprinting procedure at his/her own expense. Please contact NEMCC immediately for information regarding this process. Falsification of the affidavit may result in expulsion from the NEMCC Respiratory Care Technology Program.

Admission to the program is incomplete until the affidavit is returned and/or criminal background check required is satisfactorily completed.

## Estimated Expenses for Respiratory Care Technology Students

**ALL FEES ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION**

**TUITION: full-time students – based on day or evening classes when student is enrolled in 12 or more semester hours.**

Mississippi Residents	Residents of other states	Residents of Foreign Countries
\$945.00 per semester	\$1,910.00 per semester	\$2,010.00 per semester

**TUITION: part-time students – based on day, evening and summer classes when student is enrolled in less than 12 semester hours.**

Mississippi Residents	Residents of other states	Residents of Foreign Countries
\$105 per credit hour	\$212 per credit hour	\$203 per credit hour

### **ESTIMATED OTHER EXPENSES:**

Books	\$850.00 (total for 2 years)
Malpractice insurance	\$30.00
Physical examination	Based on provider
Series of 3 Hepatitis Injections	\$100.00
NEMCC Identification card	\$15.00 per semester
Parking decal	\$30.00 per year
Uniforms and name tag	\$100.00
Stethoscope, watch, scissors and penlight	\$150.00
CPR certification	\$5.00
ACLS certification	\$100.00
SAE (Self Assessment Exams)	\$140.00
Review materials	\$250.00
PDA for clinical use	\$300.00

All students accepted into the respiratory care technology program will be required to purchase a PDA (personal digital assistant) for all clinical tracking/documentation. The approximate cost of the device is \$300.00 (price includes memory card and required software). Please see an instructor if you have questions about this matter.

## Curriculum Requirements

Northeast Mississippi Community College  
Respiratory Care Technology Program – Curriculum requirements for AAS degree

<b>FRESHMEN YEAR</b>			
<b>Perquisites to Program</b>		<b>First Semester</b>	
BIO 2514 – Anatomy & Physiology I	4 hours	RCT 1213 Respiratory Care Sciences	3 hours
BIO 2524 – Anatomy & Physiology II	4 hours	RCT 1223 Patient Assessment and Planning	3 hours
MAT 1233 – Intermediate Algebra or		RCT 1313 Cardiopulmonary A & P	3 hours
MAT 1313 College Algebra	<u>3 hours</u>	RCT 1416 Respiratory Care Technology I	<u>6 hours</u>
	11 hours		15 hours
<b>Second Semester</b>		<b>Summer Semester</b>	
RCT 1516 Clinical Practice I	6 hours	RCT 1524 Clinical Practice II	4 hours
RCT 1424 Respiratory Care Technology II	4 hours	ENG 1113 English Composition I	<u>3 hours</u>
RCT 1613 Respiratory Care Pharmacology	3 hours		7 hours
RCT 2613 Neonatal/Pediatrics Mgt.	3 hours		
Fine Arts Elective *	<u>3 hours</u>		
	19 hours		

<b>SOPHOMORE YEAR</b>		
<b>Third Semester</b> RCT 2333 Cardiopulmonary Pathology      3 hours RCT 2434 Respiratory Care Technology III   4 hours RCT 2534 Clinical Practice III              4 hours SPT 1113 Public Speaking                      3 hours CPT 1113 Computer Concepts <u>3 hours</u> <span style="float: right;">17 hours</span>		<b>Fourth Semester</b> RCT 2546 Clinical Practice IV                6 hours RCT 2613 1322 Pulmonary Function Testing 2 hours RCT 2713 Respiratory Care Seminar        3 hours Elective (Social/Behavioral Science)** <u>3 hours</u> <span style="float: right;">14 hours</span>
*Fine Arts Electives ART 1113 Art Appreciation MUS 1113 Music Appreciation SPT 2233 Theatre Appreciation		** Social/Behavioral Science Electives PSY 1513 General Psychology I SOC 2113 Introduction to Sociology SOC 2143 Marriage and Family EPY 2533 Human Growth and Development

### Admission Requirements

Entrance to the Respiratory Care Technology Program is by way of an Admissions Committee. All applicants are scored using a point system based upon objective data including composite ACT, overall GPA, general course completed at NEMCC or transferred, and any medical experience pertinent to the field of Respiratory Care. The committee has the responsibility to screen all qualified applicants for the program who have submitted the required records and credentials prior to the published deadline.

Acting upon recommendation of the Admissions Committee, Northeast Mississippi Community College notifies each applicant of the selection or rejection.

The standards for admission to the program in respiratory care technology are established by the program director, clinical director, and advisory committee with approval of the college administration.

The following are standards for admission to the program:

1. Completed application to Northeast.
2. Completed separate application to the Respiratory Care Program. (Deadline is usually May 1<sup>st</sup>.)
3. High school transcript or G.E.D. equivalency.
4. ACT score of 17 on the enhanced ACT.
5. Students who have completed a minimum of 12 semester hours or credit with a 2.0 or higher grade point average will be considered if the ACT score is less than 17.
6. Prerequisites: Anatomy and Physiology I and II (BIO 2514 and BIO 2524), Intermediate Algebra (MAT 1233) or College Algebra (MAT 1313)
7. Transcripts from all undergraduate institutions.
8. Interview to be scheduled with the program director and clinical director of respiratory care.
9. Health examination completed by a physician or nurse practitioner (This is required **after** admission to the program is granted).

Each applicant must meet all of the above criteria and is rated using a rating scale (example provided in the packet). Admission to the program will be finalized by an admission committee. Once accepted into the program, the student must earn a grade of “C” or better in each respiratory care course and related studies in order to progress in the program.

## Readmission

### READMISSION

1. If a student fails a course, he/she may repeat the course ONE time. If the student does not successfully pass the repeated course with a "C" or greater, the student will not be considered for future readmission to the program.
2. Students who wish to repeat a course must follow these guidelines:
  - A new application must be submitted to the program by May 1<sup>st</sup> for August admission and September 15<sup>th</sup> for January admission.
  - Student must have a cumulative grade point average of at least 2.0 at the time of readmission.
  - Student must meet admission requirements of the college.
3. Applications from students who are reapplying for admission will be scored and ranked with other new candidate applications.
4. Students will only be allowed to repeat TWO courses in the curriculum.
5. Student is permitted readmission to the program only once. The second admission must also be approved by the Admissions Committee.
6. Final decisions regarding readmission are decided by the Admissions Committee.

**\*\*FOR OFFICE USE ONLY\*\***

NORTHEAST MISSISSIPPI COMMUNITY COLLEGE  
Rating Scale for Respiratory Care Technology

Applicant: \_\_\_\_\_ SS# \_\_\_\_\_  
Date of Application: \_\_\_\_\_

CRITERIA	VALUE POINTS	TOTAL POINTS																														
ACT Composite (List actual score) e.g. score of 20 on ACT = 20 points Below 17 = 0 points	ACT Composite Score _____																															
Overall GPA	2.25 – 2.49 = 1 point 2.50 – 2.99 = 2 points 3.0 – 3.49 = 3 points 3.5 – 4.0 = 4 points																															
Academic courses taken with assigned point values as follows: A = 4 points B = 3 points C = 2 points 1 point deduction for each repeated course (failure or withdrawal)	<table border="1"> <thead> <tr> <th>Course</th> <th>Grade</th> <th>Pts</th> </tr> </thead> <tbody> <tr><td>A/P I</td><td></td><td></td></tr> <tr><td>A/P II</td><td></td><td></td></tr> <tr><td>Int. Alg</td><td></td><td></td></tr> <tr><td>Col. Alg.</td><td></td><td></td></tr> <tr><td>Eng. Comp.I</td><td></td><td></td></tr> <tr><td>Oral Comm.</td><td></td><td></td></tr> <tr><td>Com. Concepts</td><td></td><td></td></tr> <tr><td>S/B science elective</td><td></td><td></td></tr> <tr><td>F/A elective</td><td></td><td></td></tr> </tbody> </table>	Course	Grade	Pts	A/P I			A/P II			Int. Alg			Col. Alg.			Eng. Comp.I			Oral Comm.			Com. Concepts			S/B science elective			F/A elective			
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F/A elective																																
Subtotal _____																																
Course work taken at NEMCC	26 semester hours - 3 points 12 - 25 semester hours - 2 points 9 - 11 semester hours - 1 point																															
Medical Experience: <b>Documentation <u>must</u> be in the Program Director's office by deadline dates to earn point(s). This is the responsibility of the student.</b>	<table border="1"> <tbody> <tr><td></td><td>Paramedic</td><td>3</td></tr> <tr><td></td><td>BS or higher degree</td><td>3</td></tr> <tr><td></td><td>EMT</td><td>2</td></tr> <tr><td></td><td>Allied Health program cert/license</td><td>2</td></tr> <tr><td></td><td>Cert. Nursing Assistant</td><td>2</td></tr> <tr><td></td><td>HS Health Occupations Course</td><td>1</td></tr> <tr><td></td><td>Other (must be approved by RCT faculty)</td><td>1</td></tr> </tbody> </table>		Paramedic	3		BS or higher degree	3		EMT	2		Allied Health program cert/license	2		Cert. Nursing Assistant	2		HS Health Occupations Course	1		Other (must be approved by RCT faculty)	1										
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**RESPIRATORY CARE TECHNOLOGY - APPLICATION FOR ADMISSION**

Date: \_\_\_\_\_ Social Security #: \_\_\_\_\_ ID#: \_\_\_\_\_

Name: \_\_\_\_\_  
Last First Middle Maiden

Address: \_\_\_\_\_  
Street/Apt. #/ P.O. Box City State Zip Code

Email address \_\_\_\_\_

Telephone #s: Home \_\_\_\_\_ Cell \_\_\_\_\_

List all colleges attended (including NORTHEAST MS CC) and dates of attendance:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Expected Date of Enrollment: \_\_\_\_\_  
 (If requesting *readmission*, indicate which semester: 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_ 4<sup>th</sup> \_\_\_\_\_).

**Answer all questions. Applications submitted with unanswered questions will be considered incomplete and may delay your ability to enter the program.**

YES	NO	Have you ever been a student in another Respiratory Care program(s)? When, where, and reason for leaving that program?
YES	NO	Have you ever been convicted of, pled no contest to, or are charges pending against you for a felony or misdemeanor in any state/ jurisdiction? <b><i>(The Mississippi State Board of Health for Respiratory Care may, in its discretion, refuse to accept the application of any person who has been convicted of a criminal offense). If you checked yes, please request a personal interview appointment with the Respiratory Care Technology Program Director.</i></b>
YES	NO	Have you ever been disciplined by or pled no contest to charges filed by or entered into any agreement restricting your practice with any regulatory agency or certification organization? <b><i>If you checked yes, please request a personal interview appointment with the nursing academic head.</i></b>
YES	NO	Do you understand that you will submit a notarized affidavit and/or criminal background check/fingerprinting and must have no disqualifying offenses as listed in Section 45.33.23(f) of the MS Code in order to be admitted into the Respiratory Care Technology program? (Please ask if you do not understand).
YES	NO	Do you understand the functional skills/abilities that are considered essential for the practice of nursing as listed below? <i>These include: fine motor skills, hearing, arithmetic competence, emotional stability, analytical thinking, critical thinking, interpersonal skills, communication skills, mobility, vision, and reading.</i>

**Application continued on reverse side**

**Please indicate with  any that currently apply to you:**

<input type="checkbox"/> Paramedic	<input type="checkbox"/> Certified Nursing Assistant
<input type="checkbox"/> BS, BA or higher level degree	<input type="checkbox"/> High School Health Occupations course completed
<input type="checkbox"/> EMT	<input type="checkbox"/> Other Medical Experience-Please specify _____
<input type="checkbox"/> Allied Health program certification/license	

**Date & place degree/certificate was awarded:** \_\_\_\_\_

***PLEASE NOTE: You are responsible for providing copies of certificates, etc. to validate the above information. Documentation must be submitted to the Program Director's office by the deadline date to receive points on the rating scale.***

**I attest the information provided on this application is true and accurate. I understand any falsification of the information invalidates the application.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_