



NORTHEAST

MISSISSIPPI COMMUNITY COLLEGE

DIVISION OF HEALTH SCIENCES • 101 CUNNINGHAM BLVD • BOONEVILLE, MISSISSIPPI 38829
PHONE (662) 720-7396 / (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.

The Respiratory Care Technology program is accredited by the Commission on Accreditation for Respiratory Care (CoARC). CoARC may be contacted at 1248 Harwood Road, Bedford, TX 76021-4244; (817) 283-2835 or at www.coarc.com.

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 effective 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 8-hour, 9-hour, 10-hour, 3pm-11pm shift or other non-traditional hours.

- Baptist Memorial Hospital – Booneville, MS
- Baptist Memorial Hospital – New Albany, MS
- Baptist Memorial Hospital – Oxford, MS
- Helen Keller Hospital – Sheffield, AL
- Jackson-Madison County General Hospital – Jackson, TN
- Magnolia Hospital – Corinth, MS
- North Alabama Medical Center – Florence, AL

- North Mississippi Medical Center – Baldwin, Iuka, & Tupelo, MS
 - Tippah County Hospital – Ripley, MS
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.

Student Criminal Background Check Policy

In accordance to the Mississippi State Law as stated in the State Statute §37-29-232, Northeast Mississippi Community College Health Science Programs: Associate Degree Nursing, Medical Laboratory Technology, Practical Nursing Education, Radiologic Technology and Respiratory Care Technology require students to submit to and satisfactorily complete a criminal background check/fingerprinting. Admission may be rescinded and reversed based on review of the student's criminal background check.

Students who refuse to submit to a criminal background check/fingerprinting or do not pass the criminal background check/fingerprinting will be dismissed from the program. Students who are dismissed from a Health Science Program may seek admission into another educational program that does not have a clinical component requirement in its curriculum.

Background check results from an agency other than the Mississippi Department of Health will not be accepted. All students will be required to have a criminal background check/fingerprinting, including students currently employed in local and regional clinical affiliates. "Employer Letters" from human resource manager, clinical affiliates, etc. will not be accepted in lieu of a current background check/fingerprinting. Students are responsible for payment of all fees charged for the background check/fingerprinting service.

The Mississippi Department of Health will report the findings of the criminal background checks to the Academic Head of the Division of Health Sciences. The report will indicate, "No disqualifying events" or "disqualifying event/s". If the student has "disqualifying event/s", the student must submit a "rap sheet" report to the Academic Head of the Division of Health Sciences with full explanation of the conviction/s or disposition of charge/s. Health Science students who complete the criminal background check/fingerprinting with no disqualifying event/s will receive a two year letter from the Academic Head of the Division of Health Sciences.

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	International Students
\$1,735.00/semester	\$3,300.00 per semester	\$3,525.00 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	International Students
\$173.50/credit hour	\$330.00/credit hour	\$352.50/credit hour

ESTIMATED OTHER EXPENSES:

Malpractice insurance	\$30.00
Physical examination	Based on provider
Series of 3 Hepatitis Injections	Based on provider
TB Skin test	Based on provider
Fingerprinting (Background check)	\$50.00
NEMCC Identification card (1 st card free)	\$15.00 replacement per occurrence
Parking decal	\$50.00 per year
Registration fee	\$50.00 per semester (non-refundable)
Uniforms and name tag	\$100.00
Stethoscope, watch, scissors and penlight	\$150.00
CPR certification	\$44.50
ACLS certification	\$40.00
PALS certification	\$40.00
Review materials	\$400.00
iPad	\$500
Add'l tuition for Comp Admission Programs	\$430.00 per semester
Simulation Lab Supply Fee	\$15.00 per semester

All students accepted into the respiratory care technology program will be required to purchase an Apple iPad for eBook and clinical purposes. 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

FRESHMEN YEAR			
<u>Prerequisites to Program</u>		<u>First Semester</u>	
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 MAT 1313 College Algebra	<u>3 hours</u> 11 hours	RCT 1313 Cardiopulmonary A & P	3 hours
		RCT 1416 Respiratory Care Technology I	<u>6 hours</u> 15 hours
<u>Second Semester</u>		<u>Summer Semester</u>	
RCT 1516 Clinical Practice I	6 hours	RCT 1523 Clinical Practice II	3 hours
RCT 1424 Respiratory Care Technology II	4 hours	ENG 1113 English Composition I	<u>3 hours</u> 6 hours
RCT 1613 Respiratory Care Pharmacology	3 hours		
RCT 2613 Neonatal/Pediatrics Mgt.	3 hours		
Fine Arts Elective *	<u>3 hours</u> 19 hours		
SOPHOMORE YEAR			
<u>Third Semester</u>		<u>Fourth Semester</u>	
RCT 2334 Cardiopulmonary Pathology	4 hours	RCT 2546 Clinical Practice IV	6 hours
RCT 2434 Respiratory Care Technology III	4 hours	RCT 2613 1322 Pulmonary Function Testing	2 hours
RCT 2534 Clinical Practice III	4 hours	RCT 2714 Respiratory Care Seminar	4 hours
SPT 1113 Public Speaking	3 hours	Elective (Social/Behavioral Science)**	<u>3 hours</u> 15 hours
CPT 1113 Computer Applications	<u>3 hours</u> 18 hours		
*Fine Arts Electives		** Social/Behavioral Science Electives	
ART 1113 Art Appreciation		PSY 1513 General Psychology I	
MUS 1113 Music Appreciation		SOC 2113 Introduction to Sociology	
SPT 2233 Theatre Appreciation		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 May 1st.)
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. **“No disqualifying events” from Criminal Background Check (Fingerprinting)**

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:

- 1) Earn a grade of “C” or better in each respiratory care course and related studies in order to progress in the program
- 2) Provide a health examination completed by a physician or nurse practitioner along with the proper immunizations record
- 3) Complete a series of Hepatitis injections and TB skin testing

READMISSION POLICY

A final average of 75 or above must be obtained in each course in order for the student to advance to the next semester. If a student fails to obtain the required 75 on all courses taught in the attending semester, he/she may apply for readmission to the program. The following guidelines must be followed:

- A new application must be submitted to the program for the requested semester; May 1 is deadline for fall admission and December 1 is deadline for spring admission.
- Student must have a cumulative grade point average of at least a 2.0 at time of application for readmission.
- For students who do not pass all courses first semester of freshmen year; applications will be scored with all other applicants and all admission criteria will apply.
- For students who have successfully completed the first semester of the program, but are unsuccessful a subsequent semester, readmission is based on space availability of the program. Since we have a limited number of clinical spots, readmission is not guaranteed.
- After a second unsuccessful attempt, the student must wait five years to re-apply to the program. The student will then apply through the regular admission process. The student's transcript will be evaluated and all D's, F's, W's in academic and RCT courses as well as previous attempts in other health science programs will cause point deduction from rating scale.

Additional guidelines for readmission:

- First year students (Freshmen)
 - All courses first semester, RCT 1416, RCT 1213, RCT 1223, and RCT 1313 must be passed concurrently or ALL courses must be repeated if student is readmitted.
 - Second semester and summer clinical: Each course failed second semester must be repeated along with RCT 1515 (Clinical Practice I) and RCT 1523 (Clinical Practice II) must be repeated if failed. NOTE: It might be in the student's best interest to repeat all courses in the second semester. Successful progression and completion of the program may be enhanced by doing so.
- Second year students (Sophomore)
 - Third semester: Each course failed third semester must be repeated along with RCT 1534 (Clinical Practice III). NOTE: It might be in the student's best interest to repeat all courses in the third semester. Successful progression and completion of the program may be enhanced by doing so.
 - Fourth semester: Each course failed fourth semester must be repeated along with RCT 1546 (Clinical Practice IV). NOTE: It might be in the student's best interest to repeat all courses in the fourth semester. Successful progression and completion of the program may be enhanced by doing so.

If a student has reason to believe they will not be successful in a course/and or the program, it is their responsibility to monitor progress and grades and make this determination. While instructors will provide timely feedback to students, it will be the responsibility of the student to withdraw during the appropriate time.

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

NORTHEAST MISSISSIPPI COMMUNITY COLLEGE - RATING SCALE FOR RESPIRATORY CARE TECH

Applicant: _____

ID# _____

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 = 3 points 3.0 – 3.49 = 5 points 3.5 – 4.0 = 7 points																																		
Academic courses taken with assigned point values as follows: A = 5 points B = 3 points C = 1 points 1 point deduction for each repeated course (D's, F's 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>Public Speaking</td><td></td><td></td></tr> <tr><td>Computer App</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> <tr><td align="center" colspan="3">Subtotal _____</td></tr> </tbody> </table>	Course	Grade	Pts	A/P I			A/P II			Int. Alg			Col. Alg.			Eng. Comp.I			Public Speaking			Computer App			S/B science elective			F/A elective			Subtotal _____			
	Course	Grade	Pts																																
	A/P I																																		
	A/P II																																		
	Int. Alg																																		
	Col. Alg.																																		
	Eng. Comp.I																																		
	Public Speaking																																		
	Computer App																																		
	S/B science elective																																		
	F/A elective																																		
Subtotal _____																																			
Number of non-req./non-related ≥ 3- hour courses taken at NEMCC with a grade of C or higher	(Max. of 5 courses) x 1 point Sub Total _____																																		
Medical Experience: 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.	<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													
		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																																	
Interview with program faculty	5 points will be added to score if interview is completed																																		
A student who is accepted into a Health Science programs at any Institution and does not complete the program either by withdraw or failure will receive the following reductions on the rating scale:	-5 for the 1 st withdraw or failure _____ -10 for the 2 nd withdraw or failure																																		
	TOTAL POINTS																																		



NORTHEAST

MISSISSIPPI COMMUNITY COLLEGE
DIVISION OF HEALTH SCIENCES

101 Cunningham Blvd · Booneville, Mississippi · 38829
Phone (662)720-7396/(800) 555-2154 · Fax (662) 720-7215

RESPIRATORY CARE TECHNICIAN – APPLICATION FOR ADMISSION

Date: _____ Date of Birth: _____ Student ID #: _____

Name: _____
Last First Middle Maiden

Address: _____
Street/Apt#/PO Box City State Zip

Email Address: _____

Telephone #s: Home: _____ Cell: _____

List all colleges attended, including Northeast MS Community College, AND the dates of attendance:

Expected date of enrollment: _____

If you are requesting **readmission**, indicate which semester: 1st 2nd 3rd 4th

Answer all questions, and if appropriate, sign the release of information. 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? If YES, explain when, where, and reason for leaving that program. _____ _____
YES	NO	Have you ever been arrested, convicted of, pled no contest to, or are charges pending against you for a felony or misdemeanor in any state/jurisdiction? (<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.</i>) If you checked YES, please request a personal interview appointment with the Respiratory Care Technology Program Director.
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? If you checked YES, please request a personal interview appointment with the Respiratory Care Technology Program Director.
YES	NO	Do you understand that you will submit a criminal background check/fingerprinting and must have no disqualifying offenses as listed in §37-29-232 and §43-11-13 of the MS Code in order to be admitted into the Respiratory Care Technology program? (Please ask if you do not understand.)

Application continued on reverse side

YES	NO	<p>Do you understand the functional skills/abilities that are considered essential for the practice of Respiratory Care as listed below? These include: <i>fine motor skills, hearing, arithmetic competence, emotional stability, analytical thinking, critical thinking, interpersonal skills, communication skills, mobility, vision, and reading.</i></p> <p>(Please ask if you do not understand.)</p>
-----	----	---

Please indicate with any that currently apply to you (see applicant rating scale for point assignments):

- Paramedic
- BS, BA or higher-level degree
- EMT
- Allied Health program certification/license
- Certified Nursing Assistant
- High School Allied Health/Health Sciences Course completed
- Intro to Health Professions I or II completed
- Other medical experience – please specify: _____

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

Signature

Date

Comments: