



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

Dear Student,

Thank you for expressing an interest in the Medical Laboratory Technology Program at Northeast Mississippi Community College.

The Medical Laboratory Technology Program is designed to prepare the graduate to work in a medical laboratory under the supervision of a medical technologist or pathologist and/or other physicians. They perform a wide range of routine tests and laboratory procedures in the areas of hematology, bacteriology, blood banking, chemistry, parasitology, serology and urinalysis. The Medical Laboratory Technician performs these tests to help physicians diagnose and treat disease.

To be considered a current applicant, you must fill out a Medical Laboratory Technology application on the website <https://www.nemcc.edu/health-sciences/index.html> and sit for a personal interview with us by May 1st. During the interview, program officials will explain the profession, the curriculum, and the requirements for successful completion of the program as well as answer any questions you might have. If you would like to proceed with the application process, please contact Shannon Goolsby (shgoolsby@nemcc.edu), or Rosalyn Singleton (rhsingleton@nemcc.edu) to set up a time for an interview.

Shannon Goolsby, MS, MT (ASCP)
Program Director
MLT Program

Rosalyn Singleton, MHS, MT (ASCP)
Clinical Coordinator
MLT Program

Medical Laboratory Student Job Description

Job Summary:

The Medical Laboratory Technician Student obtains clinical education, training and experience in the hospital laboratory. The MLT student utilizes college classroom activities and training in actual working conditions. The student is trained and supervised by Medical Technologists and other qualified Medical Laboratory Technicians. The MLT student is taught laboratory methods and procedures but does not report laboratory results unsupervised. The MLT student is instructed in age specific needs for performing, evaluating and resulting lab procedures for the diagnosis and care of patients.

Job Relationships:

Responsible to the Laboratory Director, Teaching laboratory employees. May obtain guidance from Pathologists, physicians, or other hospital employees. Communicates with laboratory employees. May obtain exposure to working relationships with Pathologists, physicians, lab staff, or other hospital employees and patients.

Responsibilities and Authorities:

The responsibility of the MLT student is to obtain a basic understanding of medical technology and laboratory function by learning test procedures, equipment operations, technical skills and laboratory theory. The work performed includes:

- Rotates through all clinical sections of the laboratory and follows the outline of study for each area.
- Completes performance checklists
- Completes written/reading assignments
- Learns clinical, skills and competency in test performance
- Demonstrates accuracy, organization, dependability, initiative, confidentiality and consciousness in student performance
- Performs other related duties as assigned or requested
- Communicates clearly with co-workers, other hospital staff, patients and the public.
- Participates in quality assurance data collection, data analyses and data interpretation
- Participates in the hospital safety management/infection control programs
- Participates and attends in hospital and departmental in-services and continuing education programs □ Performs other related duties as assigned or requested

Qualifications:

Education: Participant in a College Medical Laboratory Technician Program in pursuit of an Associates of Applied Science degree and eligibility for registry by a recognized certification agency.

Job Knowledge: Should utilize college classroom training and education in the clinical setting

Essential Functions:

Observation: Good vision that includes near acuity, depth perception and accommodation are necessary. The student should be able to observe procedures being performed, read charts and graphs, read instrument scales, discriminate colors, read microscopic images, and record results.

Communication Requirements: Communication expected of the MLT student includes writing, speaking, hearing, and dealing effectively and sensitively with the public as well as with other members of the health care team. Electronic communications via computers, printers, interfaces and fax machines are utilized in this job role. Inter-relationships define the broad level of communication needs involved in these technical responsibilities. The student should be able to participate in classroom discussion, complete reading assignments, and to search and evaluate the literature, complete written assignments, and maintain written records.

Physical Requirements: Major activities of this job include frequent walking, standing, and light physical effort performed on a level surface. Some carrying, lifting, kneeling, bending, reaching and squatting are involved in lab

inventory control, instrument operation and repair and phlebotomy procedures. Testing procedures require the MLT student to use a computer and telephone and employ writing and organizational skills. Electronic and highly technical instrumentation is involved in the job responsibilities. General repair tools such as screwdrivers and wrenches are also used in equipment repair.

Manual dexterity and mobility accommodation are physical requirements necessary for test performance and close technical work.

Cognitive and Psychological Stability Requirements: Cognitive requirements for the MLT student include reading, writing, simple arithmetic, math reasoning, algebraic relations, weighing, measuring, and analyzing data and report information. Judgment and actions required of the MLT student in performing and reporting analyses under supervision could result in decisions regarding patient management. The student should possess the emotional health skills required for full utilization of the student's intellectual abilities and be able to recognize emergency situations and take appropriate action. Organizational skills, time management and being able to solve one or more problems within specific time frames, which are often short, are a must. The MLT student should develop and exhibit good work ethic and practice discretion and confidentiality in regard to the laboratory and patient reports.

Working environment/safety: The laboratory work environment is indoors with major activities of the MLT student performed at a work bench. There are mechanical, electrical, chemical, and infectious material hazards in existence.

Infectious material hazards involve regular exposure to disease-bearing specimens, body fluids, wastes and risk of blood-borne disease. Electrical and mechanical hazards exist in areas of equipment use. Laboratory testing procedures may expose the MLT student to some odorous chemicals and specimens. Phlebotomy procedures require contact with patients under a wide variety of circumstances and conditions. The work environment in the laboratory is subject to frequent interruptions and at times, irregular hours. Occasional pressure due to multiple calls and inquires exists.

Safety for the MLT student is provided in the form of personal protective equipment and barrier precautions. Gloves, face shields, goggles, fluid resistant lab coats and manual pipetting devices are in use in the laboratory. Additionally, adequate lighting, ventilation, adjustable work surfaces, sufficiently located utilities and area security are present in the laboratory.

General Statement:

The above statements are intended to describe the general nature and level of work being performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified.

For additional information, visit the following web sites: www.ascp.org and www.naacls.org.

MEDICAL LABORATORY TECHNOLOGY
COST BREAKDOWN

In-State

(All fees subject to change without notice)

Tuition (4 full-time semesters plus 13 part-time hours) (\$1,655 x 4) + (\$165.50 x 13)	\$8,771.50
Additional Tuition for Competitive Admission Prog. (\$410 per semester)	
Books and supplies (Beginning fall 2011-MLT books/2 years)	\$540.00
Hepatitis vaccination (3-shot series)	\$150.00
Malpractice (\$15 per year)	\$30.00
Uniforms (2 sets @ \$68 per set)	\$136.00
Travel (estimate) (120 miles/day/8 weeks + 60 miles/day/8 weeks +40 miles/day/8 weeks @ 50.5 cents/mile)	\$4,444.00
Certification Exam	\$215.00
Parking permit/year	\$50.00
Student ID (1 st card free/\$15 replacement fee per occurrence)	
Physical Exam	\$150.00
CPR cards (if taken at NEMCC) (Cash Only)	\$15.00
Fingerprinting/Background Check	\$50.00
iPad	\$500.00
Simulation Lab Supply Fee	\$15.00
Registration Fee per semester	\$50.00

Medical Laboratory Technician Job Shadowing Form

Medical Laboratory Technician Job Shadowing Form worth 1 point per hour observed on the rating worksheet up to a maximum of 5 points (Due in Program Director's office Hargett hall 214 by May 1st)

Student Name: _____

Hospital Shadowing At: _____

Date Shadowed: _____

Time In: _____ Time Out: _____ (must total 4 – 5 hours)

Required areas to observe:

Technologist Signature in that area:

Hematology

Immunology

Chemistry

_____ Urinalysis

Microbiology /Parasitology

Blood Bank

Phlebotomy

Question Section:

Please answer the following questions on a separate sheet of paper either hand written or typed out after you complete your observation and attach to this form when turning in:

1. What does a Medical Laboratory Technician do?
2. What was your favorite area that you observed and why?
3. Why are you interested in a career as a medical laboratory technician?

*FOR OFFICE USE ONLY**
NORTHEAST MISSISSIPPI COMMUNITY COLLEGE
 Rating Scale for Medical Laboratory Technology (Revised
 April 3, 2017)

Applicant: _____ SSN/ Student ID: _____

Date of Application: _____

CRITERIA		VALUE POINTS			TOTAL POINTS
1	ACT Composite (List actual score) e.g. 20 ACT = 20 points Below 17 = 0 points	ACT Composite = value points ACT: _____			
2	Overall College GPA	3.50 – 4.00 (7 points) 3.00 – 3.49 (5 points) 2.50 – 2.99 (3 points) 2.25 – 2.49 (1 point)			
3	Academic courses taken with assigned point value as follows: A = 5 points B = 3 points C = 1 points **Withdrawals, D's and F's = deduct 1 point per W/D/F	Course	Grade	Points	
		A/P I			
		A/P II			
		Eng 1113			
		MAT 1233			
		CSC 1123			
		FA elect			
		SS elect			
		Micro			
		Chem with Lab			
		**W/F/D		-	
4	Number of non-req./non-related \geq 3-hour courses taken at NEMCC with a grade of C or higher	(Max. 5) x 1 point			
5	Professional Commitment: Documentation must be in the Program Directors office by the deadline dates to earn point(s) – This is the student's responsibility.	___ Paramedic		3	
		___ BS or higher degree		3	
		___ EMT		2	
		___ Allied Health program cert/licensure		2	
		___ Cert. Nurse Assistant		2	
		___ Work experience in a Medical Laboratory field for > 1 year		2	
		___ Phlebotomy Certification		2	
		___ High School Allied Health/Health Sciences Course		1	
___ Intro to Health Professions I or II		1			

6	Interview/Advising Appointment	Deduct 5 points if not completed	-5	
7	Previous Health Care Program Admission within <u>the past 10 years</u> (A student who is accepted into any of the Health Science programs at NEMCC or any other institution and does not complete the program --- withdrawal or failure will receive the following deductions on the rating scale:	Deduct 5 points if withdrawal/failure from 1 previous program Deduct 10 points if withdrawal/failure from 2 previous programs	-5 -10	
8	Completed/Signed Job Shadowing Form submitted to NE MLT Program	4 points for 4 shadowing hours 5 points for 5 shadowing hours	4 5	
Grand Total of Points				

Revised 05/23/2019