



Medical Laboratory Technology Program

Associate of Science Degree

Frequently Asked Questions

When can I apply?

Intent Forms will be accepted **May 1** thru **July 30th by 5:00 pm**. This form can be obtained by visiting the Medical Laboratory Technology web page available on the college website <https://northgatech.edu/academic-programs/health-sciences/medical-lab/>

Intent to Apply forms should be mailed to: North Georgia Technical College
Attention: Medical Laboratory Program Advisors
P.O. Box 65, Clarkesville, GA 30523

Who should I contact if I have questions?

Please email Mrs. Haley Adams, MLS (ASCP), MS. Ed Medical Laboratory Program Director at haley.adams@northgatech.edu.

When are applications to the college due?

On or before 5 p.m. on **July 30th**. **Please note: Interested applicants must enroll at NGTC prior to applying for acceptance into the MLT Program.** Interested applicants who have **not** been a student at North Georgia Technical College in the Healthcare Science program within the last year must also submit a North Georgia Technical College application and required documents (transcripts and test scores) for admission.

NGTC Applications should be mailed to: North Georgia Technical College
Attn: Admissions Department
P.O. Box 65, Clarkesville, GA 30523

Intent to Apply and NGTC Applications submitted after the deadline will not be accepted.

- Students interested in the MLT program will be placed in the Interdisciplinary Studies: Medical Lab Track program upon acceptance to the college.
- Students must be either a current or former (within the academic year) Interdisciplinary Studies student or have an application on file.
- Once students have been selected for the cohort, they will be placed in the MLT program.

When and where will the program begin?

MLT cohorts begin each Spring semester on the Clarkesville Campus.

What degree will be issued upon completion of the program?

Graduates will earn an Associate of Applied Science Degree in Medical Laboratory Technology. Students will be eligible to apply to take a national certification exam given by organizations such as the American Society for Clinical Pathology (ASCP).

Where will I find jobs when I complete the program?

According to the *United States Department of Labor Occupational Outlook Handbook*, the forecasted openings for MLTs is considered excellent with a projected national growth rate for 2020-2030 to be 11%. MLTs are employed in hospital laboratories, physician's offices and clinics, public health laboratories, reference and industrial laboratories, pharmaceutical laboratories, and many others. NGTC provides placement counselling services through the Office of Student Affairs.

What are Outcome Measures for the MLT Program?

For 2020-2021, the graduation rate for MLT students who began the clinical internship was 100%, the employment rate for MLT program graduates was 100%, and the certification exam pass rate for first time takers on the ASCP exam was 78%.

How many students will be admitted?

Each cohort includes 20 students. ***If there are more applicants than the college can accommodate, a competitive admission process will be implemented. The number of students is limited by the number of faculty and clinical facilities available.***

What is the competitive process if implemented?

Meeting minimum admissions standards does not guarantee acceptance. Applicant's scores on the HESI and GPA based on required core courses will be ranked from highest to lowest. Students with the highest combined scores will be admitted based on available seats in the cohort. If it becomes necessary to break a tie, the following criteria will be considered:

- Employment experience in a healthcare field
- Completion of educational degree (associates, bachelors, masters)
- Completion of additional courses required for graduation from the MLT program, but not included in the core curriculum (PSYC 1101, CHEM 1151/1151L, or one humanities course such as ARTS 1101, ENGL 2130, or MUSC 1101).

What must I have completed to be eligible for the for the MLT program?

- Students interested in the MLT program will be placed in the Healthcare Science Certificate program upon acceptance to the college. Students must be either a current or former (within the academic year) Interdisciplinary Studies student or have an intent form on file for the upcoming cohort. Once students have been selected for the cohort, they will be placed in the MLT program.
- Completed MLT Intent Form must be submitted by the deadline of July 30th. Transcripts of coursework taken summer semester at colleges other than NGTC must be received by August 15th.
- **Completion of required core courses for competitive admission must be completed by the end of summer term (BIOL 2113, BIOL 2113 Lab, BIOL 2114, BIOL 2114 Lab, Required MATH course, ENGL 1101).**
 - MLT coursework is outlined in the North Georgia Technical College Catalog/Student Handbook.
 - GPA calculations are based on the most recent attempt of credit hours for the required core courses.

- Completion of the HESI Admission Assessment (A2) Exam must be taken by July 30th deadline. HESI scores are valid for one year prior to the July 30th deadline. Exam dates are posted on the MLT and ASN (Registered Nursing) Program pages, available at <https://ww2.northgatech.edu/pages/coned/courses.aspx?search=hesi>
- If the HESI is taken at another test site, an official copy of the results must be submitted by July 30th
**** Please do not take the HESI unless instructed by the Program Director. This step is only necessary if we have more than 20 applicants.**

HESI Admission Assessment Exam (A2)

The HESI exam evaluates performance in critical thinking, math, English, and anatomy and physiology. The cost of the exam is \$70.00. A review guide for the HESI Assessment Exam (A2) is available online. A limited number of study guides are available in the NGTC library. *The Admission Assessment Exam Review, 3rd Edition ISBN 978-1455703333*. **HESI Exam dates are published on the NGTC website** <https://www.northgatech.edu>.

- HESI Exam dates are published and students can register for the exam on the [NGTC website](#) under the Economic Development heading, Continuing Education, and Available Courses.
- Call the Clarkesville testing office at 706-754-7716 with questions or issues registering.
- The HESI Exam is administered on both the Clarkesville and Blairsville campuses.

Can I still work while I am in the MLT program?

Students are strongly discouraged from working while they are enrolled in the MLT program due to the heavy academic load. Work hours and childcare needs must be scheduled around the program and clinical class times.

How long does it take to complete the program?

MLT program requires 3 semesters on campus followed by a 22-week clinical internship in a medical laboratory. Core requirements vary according to credit load and individual student flexibility in scheduling.

Can my prior college coursework be applied to the program?

Official college transcripts will be reviewed by the Registrar's Office per the official transfer credit rules and course validity periods outlined in the *Transfer Admission* section of *North Georgia Technical College Catalog*, which is available at www.northgatech.edu. Only the Registrar's office may approve transferred courses for credit.

Are MLT classes offered in the evening or online?

The MLT program curriculum (MLBT courses) including the clinical internship will be offered during the day only. However, there may be some make-up clinical rotations in the evening. Some pre-requisite and core courses may be offered in the evening and online. All the MLBT courses are web-enhanced, hybrid or on-line.

What core courses must I take before applying for the MLT Program?

To be eligible to apply for the CLT Program, the following core courses must be completed by the end of summer term.

COURSE	TITLE	CREDIT HOURS
MATH 1111	College Algebra	3
OR MATH 1101	Math Modelling	(3)
OR MATH 1127	Introduction to Statistics	(3)
BIOL 2113	Human Anatomy and Physiology I	3
BIOL 2113L	Human Anatomy and Physiology I Lab	1
BIOL 2114	Human Anatomy and Physiology II **	3
BIOL 2114L	Human Anatomy and Physiology II Lab **	1
ENGL 1101	Composition and Rhetoric	3

Additional courses that are required to graduate from the CLT program but do not have to be completed prior to acceptance are listed below:

COURSE	TITLE	CREDIT HOURS
CHEM 1211	General Chemistry I	3
CHEM 1211L	General Chemistry I Lab	1
OR		
CHEM 1151	Introduction to Inorganic Chemistry	3
CHEM 1151 L	Introduction to Inorganic Chemistry Lab	1
PSYC 1101	Intro to Psychology	3
AND	One of the following for 3 hours:	
ARTS 1101	Art Appreciation or	3
MUSC 1101	Music Appreciation or	3
ENGL 2130	American Literature	3

MLT Course Sequence

MLT	Semester	Course Number	Course Title	Credit Hours
1 st	Spring (campus)	MLBT 1010	Intro to Medical Laboratory	2
		MLBT 1050	Immunology/Serology	3
		MLBT 1030	Urinalysis and Body Fluids	2
2 nd	Summer (campus)	MLBT 1060	Immunochemistry	4
		MLBT 1070	Clinical Chemistry	4
3 rd	Fall (campus)	MLBT 1040	Hematology/Coagulation	5
		MLBT 1080	Microbiology	5
4 th	Spring (internship)	MLBT 2200 and 3 of 4 of:	MLT Certification Review Seminar	2
		MLBT 2100	Immunochemistry Practicum	4
		MLBT 2110	Hematology & Coagulation Practicum	4
		MLBT 2120	Clinical Microbiology Practicum	4
		MLBT 2130	Clinical Chemistry Practicum	4
5 th	Summer (internship)	MLBT 2090 and 1 of 4 of:	Clinical Urinalysis and Preanalytic Specimen Process Practicum	3
		MLBT 2100	Immunochemistry Practicum	4
		MLBT 2110	Hematology & Coagulation Practicum	4
		MLBT 2120	Clinical Microbiology Practicum	4
		MLBT 2130	Clinical Chemistry Practicum	4
Core Courses 24 Hours (includes 11 prerequisites core course hours)		MLBT Hours: 46 Hours		Total: 70 Hours

Does the program offer internship opportunities?

Yes, the 4th and 5th semesters (second year) are a non-paid clinical internship. MLT students are placed in an approved clinical laboratory affiliate.

Is the MLT program accredited?

Yes, the MLT program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS) 5600 N River Road, Suite 720, Rosemont, Illinois 60018, 773-714-8880. The MLT program was first accredited in 1963 and has maintained full accreditation status since that time.

Is there a MLT to MT Bridge Program?

The bridge program from associate degree MLT to the bachelor's degree Medical Laboratory Scientist (MLS) is called a 2 + 2 program and is already available. Georgia Regents University, Thomas University and Atlantic- Armstrong University all have the 2 + 2 program options. Transfer of credit from NGTC to these institutions and acceptance into the program is up to the individual college or university.

What are the time limits on transferability of courses?

- 4 years – all ACCT, ALHS, BUSN, CIST, MLBT, COMP, NAST, EMSP, PHLT, MAST, PNSG, and PHAR courses.
- 10 years – BIOL courses and all occupational courses not listed above. However, if course content and competencies have changed significantly within the 10-year period, faculty may request that students validate skills or repeat a course.
- No expiration – all general education/basic skills courses (ARTS, CHEM, ECON, EMPL, ENGL, HIST, MATH, MUSC, PHYS, PSYC, SOCI, SPCH); and courses used to satisfy elective credit requirements.

For additional information contact: Mrs. Haley Adams, MLS(ASCP)^{CM}, MS. ED
Email: Haley.adams@northgatech.edu
Phone: 706-754-7792

Revised August 31, 2022