



Medical Laboratory Technology Program Associate in Applied Science – Full Time

Applicants will be admitted to this program on a “first-qualified, first-admitted” basis. Applicants are considered qualified for admission to the next available class when **all** TTC and program requirements have been met. Classes begin **Fall Semester**.

Program Admission Requirements

In addition to meeting the college’s general admission requirements, including submission of official high school and college transcripts, applicants must complete all of the following requirements:

1. Complete the **Health Sciences Application** through the TTC Portal. Application link can be found on the TTC Health Sciences webpage.

Note: When the number of applicants qualifying at the same time exceeds space available in the program, admission will be prioritized according to the date and time that the Health Science application was received in the Admissions office.

2. Complete MAT 110 College Algebra, CHM 110 College Chemistry, BIO 112 Basic Anatomy and Physiology, AHS 104 Medical Vocabulary/Anatomy, and AHS 142 Phlebotomy.
 - a. These courses must be completed with a minimum grade of C.
 - b. Laboratory science courses, AHS 104 and AHS 142 must have been taken within five years of acceptance into the program. AHS 142 Phlebotomy may be substituted by submitting proof of current ASCP Certification and current work experience (showing a minimum of 20 hours per week) using the ASCP Board of Certification Work Experience Documentation Form for Phlebotomy Technician found on the ASCP website.
 - c. The applicant must achieve a minimum cumulative 2.0 GPA at the time of acceptance and at date of entry into the program based on classes taken within 5 years of acceptance into the program.
3. Complete the Information Session on the TTC Portal page for Medical Laboratory Technology and achieve a 100% score on the online quiz following the session to verify the information was reviewed and understood.
4. Electronically submit the Statement of Completion form found on the Health Sciences webpage to HealthSciencesAdmissions@tridenttech.edu.

Accreditation - The MLT program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 North River Rd., Suite 720, Rosemont, IL 60018-5119; telephone : 773-714-8880; website : <https://www.naacls.org/>

Trident Technical College is an equal opportunity institution and does not discriminate on the basis of race, color, religion, national or ethnic origin, disability, gender or age in its admissions policies, programs, activities or employment practices.

| | | | <u>Lecture</u> | <u>Lab</u> | <u>Credit</u> |
|---------------------------------|-------|---|----------------|------------|---------------|
| PREREQUISITES | | | | | |
| AHS 104 | | Medical Vocabulary/Anatomy | 3 | 0 | 3 |
| MAT 110 | | College Algebra | 3 | 0 | 3 |
| AHS 142 | | Phlebotomy | 1.5 | 1.5 | 2 |
| *BIO 112 | | Basic Anatomy and Physiology | 3 | 3 | 4 |
| CHM 110 | | College Chemistry | 3 | 3 | 4 |
| ENG 101 | | English Composition I | 3 | 0 | <u>3</u> |
| | | | | | 19 |
| First Semester – Spring | | | | | |
| PSY 201 | S1 | General Psychology | 3 | 0 | 3 |
| MLT 101 | S1 | Introduction to Medical Laboratory Technology | 1.5 | 1.5 | 2 |
| MLT 109 | S1 | Hematology I | 1.5 | 1.5 | 2 |
| Humanities Elective | S2 | See College Catalog for approved humanities | 3 | 0 | 3 |
| MLT 106 | S2 | Urinalysis and Body Fluids | 1.5 | 1.5 | 2 |
| MLT 111 | S2 | Hematology II | 1.5 | 1.5 | <u>2</u> |
| | | | | | 14 |
| Second Semester – Summer | | | | | |
| MLT 103 | | Introductory Topics in Medical Microbiology | 4 | 0 | 4 |
| MLT 135 | | Clinical Chemistry and Instrumentation | 2 | 3 | 3 |
| MLT 115 | | Immunology | 2 | 3 | 3 |
| MLT 107 | | Clinical Experience in Urinalysis and Body Fluids | 0 | 3 | <u>1</u> |
| | | | | | 11 |
| Third Semester – Fall | | | | | |
| MLT 211 | F1 | Advanced Hematology I | 1.5 | 1.5 | 2 |
| MLT 206 | F1 | Advanced Microbiology I | 1.5 | 1.5 | 2 |
| MLT 116 | F1 | Basic Concepts of Blood Banking | 1.5 | 1.5 | 2 |
| MLT 212 | F2 | Advanced Hematology II | 1.5 | 1.5 | 2 |
| MLT 207 | F2 | Advanced Microbiology II | 1.5 | 1.5 | 2 |
| MLT 216 | F2 | Advanced Skills in Blood Banking | 1.5 | 1.5 | <u>2</u> |
| | | | | | 12 |
| Fourth Semester – Spring | | | | | |
| MLT 271 | S1/S2 | Clinical Applications I (Chemistry) | 0.5 | 7.5 | 3 |
| MLT 272 | S1/S2 | Clinical Applications II (Microbiology) | 0.5 | 7.5 | 3 |
| MLT 273 | S1/S2 | Clinical Applications III (Blood Bank) | 0.5 | 7.5 | 3 |
| MLT 274 | S1/S2 | Clinical Applications IV (Hematology) | 0.5 | 7.5 | <u>3</u> |
| | | | | | 12 |
| TOTAL SEMESTER HOURS | | | | | 68 |

*BIO 210 Anatomy and Physiology I in conjunction with BIO 211 Anatomy and Physiology II may be substituted.

Course Progression: Once accepted into the program, students must earn a grade of C or better in each course and earn a grade of satisfactory on professional development evaluations in order to progress to the next semester.

Please note: All Health Sciences students are required to have drug screenings, criminal background checks, and a current Student Health Record with immunizations and titers. For more information, students may contact their Medical Laboratory Technology faculty advisor. NOTE: Falsification of any information submitted will make a student ineligible for admission to or continuation in the Medical Laboratory Technology Program.