



## Medical Laboratory Technology Program Associate in Applied Science – Part 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**. *Note: When the number of applicants qualifying at the same time exceeds the number of spaces 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. Application forms can be accessed on the College website.*

### Program Admission Requirements

Applicants should ensure that documentation of each of the following admission requirements is on file in the Admissions office **as soon as it is completed**. Information may be submitted in person or by mail to the Admissions Office, Student Center, Bldg. 410, Room 110, PO Box 118067, Charleston SC 29423-8067.

Upon admission to the College and submission of official high school and college transcripts, complete the online **Health Sciences Application** through the TTC Portal. Once the application is received, students must complete the following prerequisite steps:

- A. Achieve the qualifying scores on the TTC placement test SAT or ACT; or achieve a minimum weighted GPA of 3.0 from high school within the last five years; or satisfactorily complete RWR 100 Integrated Transitional Reading and English and complete MAT 102 Intermediate Algebra with a minimum grade of C; or satisfactorily complete an equivalent RWR 100 course and complete an equivalent MAT 102 course with a minimum grade of C from an approved, regionally accredited postsecondary institution.
  - Complete MAT 110 College Algebra and AHS 104 Medical Vocabulary/Anatomy with a minimum grade of C prior to acceptance into the program. AHS 104 must have been taken within five years of acceptance into the program.
  - Complete CHM 110 College Chemistry and BIO 112 Basic Anatomy and Physiology or BIO 210 Anatomy and Physiology I and BIO 211 Anatomy and Physiology II with a minimum grade of C prior to the start of MLT professional courses. Laboratory science courses must have been taken within five years of acceptance into the program.
  - Complete proof of AHS 142 with a minimum grade of C or submit 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.
- B. 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.
- C. Complete the online 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.

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.

*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>
<b>PREREQUISITES</b>					
AHS 104		Medical Vocabulary/Anatomy	3	0	3
MAT 110		College Algebra	3	0	<u>3</u>
					<b>6</b>
<b>First Semester - Summer</b>					
ENG 101		English Composition I	3	0	3
*BIO 112		Basic Anatomy and Physiology	3	3	<u>4</u>
					<b>7</b>
<b>Second Semester - Fall</b>					
CHM 110	F1	College Chemistry	3	3	4
AHS 142	F1/F2	Phlebotomy	1.5	1.5	<u>2</u>
					<b>6</b>
<b>Third Semester - Spring</b>					
MLT 101	S1	Introduction to Medical Laboratory Technology	1.5	1.5	2
MLT 109	S1	Hematology I	1.5	1.5	2
MLT 111	S2	Hematology II	1.5	1.5	2
MLT 106	S2	Urinalysis and Body Fluids	1.5	1.5	<u>2</u>
					<b>8</b>
<b>Fourth Semester - Summer</b>					
MLT 135		Clinical Chemistry and Instrumentation	2	3	3
MLT 103		Introductory Topics in Medical Microbiology	4	0	<u>4</u>
					<b>7</b>
<b>Fifth Semester - Fall</b>					
MLT 107	F1	Clinical Experience in Urinalysis and Body Fluids	0	3	1
MLT 206	F1	Advanced Microbiology I	1.5	1.5	2
PSY 201	F2	General Psychology	3	0	3
MLT 207	F2	Advanced Microbiology II	1.5	1.5	<u>2</u>
					<b>8</b>
<b>Sixth Semester - Spring</b>					
*MLT 271	S1	Clinical Applications I (Chemistry)	0.5	7.5	3
*MLT 272	S2	Clinical Applications II (Micro)	0.5	7.5	<u>3</u>
					<b>6</b>
<b>Seventh Semester - Summer</b>					
Humanities Elective		See College Catalog for approved humanities	3	0	3
MLT 115		Immunology	2	3	<u>3</u>
					<b>6</b>
<b>Eighth Semester - Fall</b>					
MLT 211	F1	Advanced Hematology I	1.5	1.5	2
MLT 116	F1	Basic Concepts of Blood Banking	1.5	1.2	2
MLT 212	F2	Advanced Hematology II	1.5	1.5	2
MLT 216	F2	Advanced Skills in Blood Banking	1.5	1.5	<u>2</u>
					<b>8</b>
<b>Ninth Semester - Spring</b>					
*MLT 273	S1	Clinical Applications III (Blood Bank)	0.5	7.5	3
*MLT 274	S2	Clinical Applications IV (Hematology)	0.5	7.5	<u>3</u>
					<b>6</b>
<b>TOTAL SEMESTER HOURS</b>					<b>68</b>

\*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.