

# 2018-2019 TTC Catalog

## Medical Laboratory Technology

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### Associate in Applied Science in Medical Laboratory Technology

#### 76 Credit Hours

The Medical Laboratory Technology program prepares students for entry-level positions in the field of medical laboratory science. Typical jobs include medical laboratory technician in a hospital laboratory setting.

#### Accreditation

National Accrediting Agency for Clinical Laboratory Sciences  
5600 N. River Road, Suite 720  
Rosemont, IL 60018-5119

#### General Education Core Requirements

ENG 101 English Composition I 3  
IDS 109 First Year Experience Seminar 3  
MAT 110 College Algebra 3  
PSY 201 General Psychology 3  
REQ HUM                Select from                3  
[Humanities](#)

Total: 15

#### Major Requirements

AHS 142 Phlebotomy 2  
BIO 112 Basic Anatomy and Physiology 4 \*  
CHM 110 College Chemistry I 4  
MLT 102 Medical Lab Fundamentals 3  
MLT 103 Introductory Topics in Medical Microbiology 4  
MLT 106 Urinalysis and Body Fluids 2  
MLT 107 Clinical Experience in Urinalysis and Body Fluids 1  
MLT 109 Hematology I 2  
MLT 111 Hematology II 2  
MLT 115 Immunology 3  
MLT 120 Immunohematology 4  
MLT 131 Clinical Chemistry 3  
MLT 151 Clinical Experience in Phlebotomy 1  
MLT 206 Advanced Microbiology I 2  
MLT 207 Advanced Microbiology II 2  
MLT 211 Advanced Hematology I 2  
MLT 212 Advanced Hematology II 2

MLT 219 Clinical Instrumentation 3  
MLT 270 Clinical Applications 12  
SPC 209 Interpersonal Communication 3

\*May substitute BIO 210 and 211 for BIO 112.

Total: 61

## **APPLICANTS MUST COMPLETE ALL OF THE FOLLOWING REQUIREMENTS**

### **General College Admission Requirements**

Achieve admission to the college by meeting TTC's requirements for associate degree programs. Please note that applicants not achieving appropriate test scores will be required to complete courses indicated by placement test scores.

*Note: Admission to the college does not guarantee admission to the Medical Laboratory Technology Program.*

1. **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:

Trident Technical College  
Admissions Office, AM-M  
(Student Center, Bldg. 410, Room 110)  
P.O. Box 118067  
Charleston, SC 29423-8067

- a. Achieve qualifying scores on the college's placement test, SAT or ACT. Contact an academic advisor and complete all courses indicated by placement test scores.
- b. Provide proof of high school graduation or equivalent by submitting a copy of your high school transcript, diploma or GED.
- c. Submit official copies of all college transcripts, other than TTC transcripts, to the Admissions Office.
- d. Complete a Health Sciences application for the Medical Laboratory Technology program.  
*Note: When the number of applicants qualifying at the same time exceeds the number of spaces available in this program, admission will be prioritized according to the date and time that the Health Sciences application was received in the Admissions office.*
- e. Complete the online Information Session and quiz with a score of 100 percent.
- f. Submit proof of MAT 110 and IDS 109

### **MAT 110**

1. MAT 110 College Algebra with a minimum grade of C,  
OR
  2. Complete a college algebra course equivalent to MAT 110 with a minimum grade of C from an approved, regionally accredited postsecondary institution.
- g. Provide proof of a minimum 2.0 on all college course work by submitting copies of official transcripts, excluding TTC transcripts, to the Admissions office; or complete 10 semester credit hours with a minimum grade of C in each course and a cumulative 2.0 GPA. At least one of these courses must

be a laboratory science. Laboratory sciences must have been taken within five years of the admission date with a minimum grade of C.

- h. Maintain and minimum cumulative 2.0 GPA and not be on academic or disciplinary suspension at the time of admission and date of entry into the program.
- i. At the time of entry to the program, show evidence of completion of the criminal background check required by the college.

2. **General Admission Procedures for the Medical Laboratory Technology**

**Program** Students will also be notified by my.tridenttech.edu email the date and time of the mandatory program orientation. Failure to attend will result in forfeiture of seat in the program.

*Note: Falsification of any information submitted will make a student ineligible for admission to or continuation in the Medical Laboratory Technology Program.*

3. Applicants who meet college and program requirements will be considered qualified and will be admitted on a first-qualified, first-admitted basis. Qualified applicants will be notified via my.tridenttech.edu email indicating the year and semester that they have been admitted. Students will be required to provide a completed, current Health Sciences – Student Health Record including all immunizations and titers, TB (PPD) tests, as well as current Healthcare Provider CPR certification, major medical insurance and medical professional liability coverage.

4. **Course Progression**

In order to progress to the next semester once accepted into the program, students must:

- Earn a grade of C or better in all courses required for the program.
- Maintain a minimum 2.0 cumulative GPA throughout the program.