2019-2020 TTC Catalog

Medical Laboratory Technology

Associate in Applied Science in Medical Laboratory Technology

69 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
CHM 110 College Chemistry I 4
MAT 110 College Algebra 3
PSY 201 General Psychology 3

REQ HUM	Select from Humanities	3

Total: 16

Major Requirements

AHS 104 Medical Vocabulary-Anatomy 3
AHS 142 Phlebotomy 2
BIO 112 Basic Anatomy and Physiology 4 *
MLT 101 Introduction to Medical Laboratory Technology 2
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 135 Clinical Chemistry and Instrumentation 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 270 Clinical Applications 12

*May substitute BIO 210 and 211 for BIO 112.

Total: 53

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
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 complete RWR 100 Integrated Transitional Reading and English, and MAT 102 Intermediate Algebra with a minimum grade of C; or an equivalent 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 the 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 2.0 GPA at the time of acceptance and at date of entry 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.

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.