

A.A.S. IN MEDICAL LABORATORY TECHNOLOGY PROGRAM

The Medical Laboratory Technology (MLT) Program at Chattahoochee Valley Community College will prepare students to possess the entry level competencies necessary to perform routine clinical laboratory tests in areas such as clinical chemistry, hematology, immunology, immunohematology, microbiology, urinalysis, body fluids, and laboratory operations. The level of analysis ranges from waived testing to complex testing encompassing all major areas of the clinical laboratory. Classroom training is integrated with clinical experiences. The medical laboratory technician will be prepared to practice in hospitals, clinics, physician office, reference labs, and other health care facilities.

Upon completion of the program requirements, the student will be awarded an Associate of Applied Science in Medical Laboratory Technology and will be eligible to sit for the national MLT certification by such agencies as American Society for Clinical Pathology, American Medical Technologist, and other agencies.

ADMISSION REQUIREMENTS

In addition to the general admission requirements for the College, admission into the MLT program requires:

1. Unconditional admission to the college.
2. Receipt of completed application for admission to MLT program before published deadline.
3. A minimum of 2.0 GPA for MLT required core courses.
4. A minimum of 2.5 GPA cumulative high school GPA for students without prior college courses (GED will be used if applicable).
5. Meet the essential functions for MLT found in the application.

The number of students admitted to the MLT program is limited by the number of faculty and availability of clinical facilities.

In order to receive MLT required core course and/or additional points, courses must have been completed, with a grade of 'C' or better, prior to application deadline. Official transcripts reflecting grade MUST be on file in CVCC Admissions in order to be considered for the program.

Associate of Applied Science in Medical Laboratory Technology Curriculum

The following is the suggested course sequence and may vary depending on whether or not the student is required to complete a core course.

| COURSE | THEORY | LAB | CLINICAL | CREDIT | CONTACT |
|---|-----------|----------|----------|-----------|-----------|
| Pre-MLT | | | | | |
| ORI 105B - Orientation | 3 | - | - | 3 | 3 |
| ENG 101 - English Composition | 3 | - | - | 3 | 3 |
| BIO 103 OR 201 - Biology or A&P I | 2 | 2 | - | 4 | 6 |
| MTH 100 - College Algebra or higher | 3 | - | - | 3 | 3 |
| CHM 104 - Inorganic Chemistry or higher | 3 | 1 | - | 4 | 5 |
| Term Total | 14 | 3 | - | 17 | 20 |
| 1st Semester | | | | | |
| MLT 111 - Urinalysis and Body Fluids | 3 | 1 | - | 4 | 5 |
| MLT 121 - Hematology | 3 | 2 | - | 5 | 7 |
| MLT 131 - Lab Techniques | 3 | 1 | - | 4 | 5 |
| Term Total | 9 | 4 | - | 13 | 17 |
| 2nd Semester | | | | | |
| MLT 141 - Microbiology I | 3 | 2 | - | 5 | 7 |
| MLT 181 - Immunology | 1 | 1 | - | 2 | 3 |
| Humanities/Fine Arts Elective | 3 | - | - | 3 | 3 |
| CIS 146 - Computer Application | 3 | - | - | 3 | 3 |
| Term Total | 10 | 3 | - | 13 | 16 |

| 3rd Semester | | | | | |
|--|----------|----------|----------|-----------|-----------|
| MLT 142 - Microbiology II | 2 | 1 | - | 3 | 4 |
| MLT 151 -Clinical Chemistry | 3 | 2 | - | 5 | 7 |
| SPH 106 or 107 - Speech | 3 | - | - | 3 | 3 |
| Term Total | 8 | 3 | - | 11 | 14 |
| 4th Semester | | | | | |
| MLT 191 - Immunohematology | 3 | 2 | - | 5 | 7 |
| MLT 161 - Integrated Lab Simulation | - | 2 | - | 2 | 4 |
| PSY 200 - General Psychology | 3 | - | - | 3 | 3 |
| Term Total | 6 | 4 | - | 10 | 14 |
| 5th Semester | | | | | |
| MLT 293- Medical Seminar | 2 | - | - | 2 | 2 |
| MLT 294 Medical Laboratory Practicum I | - | - | 2 | 2 | 6 |
| MLT 295 Medical Laboratory Practicum II | - | - | 2 | 2 | 6 |
| MLT 296 Medical Laboratory Practicum III | - | - | 2 | 2 | 6 |
| MLT 297 Medical Laboratory Practicum IV | - | - | 2 | 2 | 6 |
| Term Total | 2 | - | 8 | 10 | 26 |
| TOTAL PROGRAM CREDIT HOURS | | | | 74 | |

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| <p>The MLT program at CVCC is accredited by:</p> <p>National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) 5600 N. River Rd. Suite 720 Rosemont, IL 60018 (773) 714-8880 www.naacls.org</p> | <p>CVCC is accredited by:</p> <p>Southern Association of Colleges and Schools, Commission on Colleges 1866 Southern Lane Decatur, GA 30033 (404) 679-4500 www.sacs.org</p> |
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For more information go to <https://www.cv.edu/programs/health-sciences/medical-laboratory-technician/>
 or call 334-291-4925.