

CONTACT

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This program prepares you to do work such as growing and identifying microbes, assessing immune responses of patients, and matching blood with patients in need of transfusion therapy. As a Clinical Laboratory Technician, you will work with computers and complex instrumentation to perform tests in search of diagnostic clues as evidence for health or disease. The program is ideal if you love science and medical research. You will gain clinical experience at area health care facilities.

Clinical Laboratory Technician students prepare for work in the fields of Hematology, Clinical Chemistry, Immunohematology (Blood Banking), Urinalysis, and Clinical Microbiology. Graduates working in larger hospitals typically specialize in one or more of these areas.

This program is designed for students planning to enter the workforce immediately, and for those looking to upgrade skills or change direction. It awards the Associate in Applied Science (AAS) degree and prepares you for transfer to a four-year college if you choose to pursue a bachelor's degree.

TRANSFER OPPORTUNITIES

Graduates of the Clinical Laboratory Technician Program have successfully transferred to baccalaureate programs in Medical Technology, Clinical Laboratory Science, Biology, Microbiology, and other degree programs. Graduates have also continued their educations in graduate, medical, and dental schools. Broome Community College has articulation agreements with several institutions, including Upstate Medical University in Syracuse. See your advisor for information about preparing for transfer.

CURRENT STUDENTS

The CLT Club is open to any member of the SUNY Broome Community College student body who is interested in the Clinical Laboratory Sciences, including Phlebotomy.

The CLT Club at BCC was formed to fulfill the following objectives:

- To promote Clinical Laboratory Sciences on the campus and in the community
- To introduce freshmen to the CLT program
- To provide social events for CLT students
- To raise funds for these purposes

CLT STUDIES

- Human Biology
- Clinical Laboratory Techniques & Practices Chemistry
- Statistics
- Organic Chemistry
- Hematology/Coagulation
- Phlebotomy
- Immunology
- Clinical Chemistry
- Pathogenic Microbiology
- Histologic Techniques
- English, Social Science, Literature, Civic Ed.



APPLY ONLINE AT

www.sunybroome.edu/apply

FOR FINANCIAL AID AND SCHOLARSHIP OPPORTUNITIES, CONTACT:

Email:
finaid@sunybroome.edu

Phone: 607-778-5028

Fax: 607-778-5451

Office:
Student Services 111

Regular Hours:
Mon - Fri, 8 am - 5 pm

Summer Hours:
Mon - Fri, 8 am - 4 pm

Follow our Blog at: <http://bccmlt.wordpress.com>

SEQUENCE OF COURSES**First Year****Fall Semester 19 Credits**

- Social Science Elective
- BIO 131 - Human Biology I
- CHM 145 - General Chemistry I
- ENG 110 - College Writing I
- MAT 124 - Statistics I
- CLT 110 - Introduction to Clinical Laboratory Technology
- CLT 120 - Clinical Laboratory Techniques and Practices

Spring Semester 18 Credits

- Civic Education Elective
- BIO 132 - Human Biology II
- CHM 146 - General Chemistry II
- CLT 200 - Histological Techniques
- CLT 201 W - Hematology and Coagulation
- CLT 204 - Fundamental Phlebotomy

Second Year**Fall Semester 18 Credits**

- CHM 133 - Survey of Organic Chemistry
- CLT 202 - Urinalysis/Body Fluids
- CLT 207 - Clinical Chemistry
- CLT 208 - Pathogenic Microbiology
- CLT 210 - Diagnostic Microbiology Laboratory
- CLT 216 - Immunology

Spring Semester 18 Credits

- LIT 200 - Introduction to Literature
- CLT 206 - Immunohematology
- CLT 220 L - Serological Techniques
- CLT 240 - Clinical Affiliation I
- CLT 241 - Clinical Affiliation II
- CLT 242 - Clinical Affiliation III
- CLT 295 - Senior Seminar

CREDITS REQUIRED TO GRADUATE: 73**ACCREDITATION**National Accrediting Agency for Clinical
Laboratory Sciences5600 N. River Road, Suite 720
Rosemont, IL 60018**ACADEMIC PREPARATION FOR THIS PROGRAM**

Regents-level English and Biology, as well as elementary Algebra and Trigonometry, are required for entrance into this program. If you do not have the necessary academic preparation for your chosen program, you may take preparatory courses at SUNY BCC to strengthen your academic background. Advisors are available to assist you in selecting appropriate preparatory coursework.

SUNY Broome Community College does not discriminate on the basis of race, sex, color, religion, age, national origin, disability, marital status, sexual orientation, or status as a disabled veteran or veteran of the Vietnam era in the recruitment or education of students; the recruitment and employment of faculty and staff; or the operation of any of its programs or activities. Where relevant, state and federal laws apply.

For more information, go to
www.sunybroome.edu/healthsciences