

Clinical Laboratory Technician

The Program

The Clinical Laboratory Technician Program prepares graduates to work in a clinical laboratory within a hospital, health care facility or in an industrial laboratory. Students collect patient specimens and perform tests in such areas as blood banking, clinical chemistry, hematology, microbiology, serology, and urinalysis. Graduates are prepared to take the certification exam as a Clinical Laboratory Technician.

- Two Year Program
- Leads to Associate in Applied Science Degree (AAS) with a general education requirement of 20 - 22 hours
- Clinical Laboratory Technician Coursework
 - *Theory/Skills presented in lecture/lab format
 - *Clinical Component: Community Agencies providing laboratory services
- Program admits one time per year, CLT courses begin in Fall semester
- Selective Admissions/Limited Enrollment

Students are eligible to earn a certificate in **Physician's Office Laboratory** and a certificate in **Phlebotomy** upon completion of the required courses. The students enrolled in the CLT Program for an Associate in Applied Science degree are eligible for the certificates as well as the degree. Students do not have to be admitted to the CLT Program to complete these certificates. You must have permission from the CLT Program Coordinator to take the classes. There will be a limited number of spaces in the courses for the certificates due to available laboratory space.

- Certificates are KCTCS certificates, not accredited by NAACLS. Additional requirements are necessary for national phlebotomy certification.



Program Accreditation

The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) accredits the Somerset Community College Clinical Laboratory Technician Program.
Address : 5600 N. River Rd., Suite 720, Rosemont, IL 60018, (773) 714-8880

Admissions Process

The following materials must be on file in the Program Coordinator's office before April 1:

- Application for admission to SCC
- Official high school transcript or a passing GED official score report
- Transcripts of all post-secondary education or training
- Results of the ACT examination report
- Letter written to the CLT Program Coordinator stating intent to be admitted to the program
- Attending a pre-admission conference

Admission Criteria

Potential candidates are recommended to the President by the CLT Admissions Committee. The Admissions Committee will make their recommendations based on the following:

- Preference may be given to applicants with an ACT composite score of 19 or higher.
- Preference may be given to applicants who rank in the upper half of their graduating class or have an average score of 50 or above on the GED.
- Preference may be given to applicants with a background in algebra and chemistry.
- Preference may be given to those applicants who submit evidence of successful completion of developmental course work or those who have a cumulative GPA of 2.5 or better taking 12 or more credit hours of college work, including at least one science course.
- Preference will be given to Kentucky residents.
- Preference will be given to students who complete the admissions procedure prior to March 1.



Technical Standards

- Adequate visual acuity
- Sufficient strength, gross motor, and fine motor coordination
- Sufficient verbal and written communication skills
- Sufficient intellectual, emotional, and physical functions to plan and implement laboratory duties responsibly.

Additional Criteria

Upon admittance the student must submit the following materials prior to beginning clinical experiences.

- Evidence of receiving the Hepatitis B vaccine series or a vaccine declination form
- TB skin test or chest X-Ray
- Immunization records

Expenses & Financial Assistance

In addition to tuition, students are responsible for transportation to the various clinical sites, professional liability insurance, books, and uniforms. Any student seeking financial assistance should contact the Financial Aid Office on the Somerset or Laurel campus.

How to Reach Us

Somerset Community College
www.somerset.kctcs.edu

1-877-629-9722

Somerset Campus
(606) 679-8501

Laurel Campus
(606) 877-1421

Casey Center
(606) 787-4727

Clinton Center
(606) 387-3236

McCreary Center
(606) 376-5747

Russell Center
(270) 866-2125

Program Coordinator

Nancy Powell 606.451.6842
nancy.powell@kctcs.edu



Associate in Applied Science Clinical Laboratory Technician Program Curriculum

FIRST YEAR FALL SEMESTER:

| | | CREDIT HOURS | |
|-----|-----|--|-----------|
| CLT | 101 | Introduction to Clinical Laboratory Techniques | 3 |
| ENG | 101 | Writing I | 3 |
| MT | 110 | Applied Mathematics | 3 |
| BIO | 135 | Basic Anatomy & Physiology w/Lab | 4 |
| CHE | 104 | Introductory Chemistry | 3 |
| PHB | 151 | Phlebotomy | 1 |
| | | Total Credits | 17 |

FIRST YEAR SPRING SEMESTER:

| | | | |
|-----|-----|-------------------------------|-----------|
| CLT | 125 | Serology | 2 |
| CLT | 111 | Urinalysis | 2 |
| CLT | 215 | Hematology I | 4 |
| BIO | 225 | Medical Microbiology w/Lab | 4 |
| | | Heritage/Humanities/Fine Arts | 3 |
| PY | 110 | General Psychology | 3 |
| | | Total Credits | 18 |

FIRST YEAR SUMMER SEMESTER:

| | | | |
|--|--|----------------------|----------|
| | | Oral Communications | 3 |
| | | Computer Literacy | 1-3 |
| | | Total Credits | 4 |

SECOND YEAR FALL SEMESTER:

| | | | |
|-----|-----|-------------------------|-----------|
| CLT | 205 | Clinical Microbiology I | 3 |
| CLT | 227 | Immunochemistry | 4 |
| CLT | 235 | Clinical Chemistry I | 3 |
| CLT | 280 | Practicum I | 4 |
| | | Total Credits | 14 |

SECOND YEAR SPRING SEMESTER:

| | | | |
|-----|-----|----------------------------------|-----------|
| CLT | 206 | Clinical Microbiology II | 2 |
| CLT | 216 | Hematology II | 3 |
| CLT | 236 | Clinical Chemistry II | 2 |
| CLT | 290 | Practicum II | 4 |
| PHB | 152 | Phlebotomy Clinical Experience | 1 |
| | | Total Credits | 12 |
| | | Total Credits for Program | 65 |

Note: Credential requirements for this program are subject to change. Students should verify course requirements with their advisor.

KCTCS is an equal opportunity employer and education institution.