



CLINICAL LABORATORY TECHNOLOGY

Associate of Applied Science

About the Program

The Associate in Applied Science degree in Clinical Laboratory Technology prepares graduates for eligibility to apply for the American Society for Clinical Pathology Medical Laboratory Technician (MLT) (ASCP) national registry examination. Alternately, students are eligible to take the National Credentialing Agency (NCA) exam. To be granted an Associate in Applied Science degree, a student must successfully complete the general education course requirements in addition to the core CLT courses. Program accreditation is pending from the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

What are CLT's?

Clinical laboratory professionals, CLT/MLT, are important members of the health-care team performing a wide variety of chemical and biological analyses on blood and other specimens to aid doctors in the diagnosis and treatment of disease. Employment opportunities for the CLT graduate include hospital laboratories, physicians' offices & clinics, and research or commercial laboratories. Emphasis on accuracy and validity of laboratory information, communication skills, customer service, high standards of ethical and moral behavior and principles are necessary for gaining and maintaining the confidence of patients, professional associates and the community. The ability to relate to people, a capacity for calm and reasoned judgment, and a demonstration of commitment to the patient are essential qualities. Salary ranges from \$28,000 to \$45,000 annually depending on the employment setting.

How do I Apply?

Everyone must submit an application for admission to the College to the Admissions Office on either the Decatur or Huntsville campus. Next, the student should complete an APPLICATION PACKET for the CLT program, found at www.calhoun.edu/grants/AHEAD/CLT. Included in this packet are the instructions for the student to complete **one required** observation experience at any hospital clinical laboratory department to increase your knowledge and awareness of Clinical Laboratory Technology. The visit must be a minimum of three hours in length and must be scheduled between the hours of 7:00 AM – 11:00 AM. Please dress appropriately for this visit: no open-toed shoes, blue jeans, short skirts, or caps are to be worn. A new program starts every summer and fall semester. Application deadline is **March 1** or **June 15**. Notification of acceptance into the program will be by letter.

A complete application packet includes:

- Signed and dated application
- Signed ESSENTIAL FUNCTIONS statement
- Official High School Transcript (if you would like HS GPA or grades considered) AND Calhoun Transcript (unofficial accepted)
- Transfer Equivalency Report from Calhoun Admissions Office for transfer coursework from other colleges
- COMPASS Reading score (minimum of 76 required to be considered) **or** ACT composite score, if taken.
- Completed CLT Hospital Observation Form

How Much Will it Cost?

Tuition at Calhoun – the fees paid to take classes – is among the lowest in the area. A full-time student will pay \$1140 to \$1520 per 15-week semester. A single 3-credit hour course will cost \$285. Other costs include books, supplies, clinical uniforms, student malpractice insurance, health exam and lab tests. If you need help with college costs, the Office of Student Financial Services has information on grants, work study, scholarships and loans. Contact the CLT office for a full list of needed supplies and costs.

CLINICAL LABORATORY TECHNOLOGY

Admission Requirements

Applicants must meet the minimum admission standards to be considered for selection. After meeting all minimum requirements, applicants are rank-ordered using a 100-point system. Applicants not meeting minimum admission standards will not be considered. Minimum admission standards for the Associate degree Clinical Laboratory Technology Program include:

1. Unconditional admission to the college.
2. Receipt of completed application for the Associate degree Clinical Lab Technology Program by deadline.
3. A minimum of **2.50** cumulative Grade Point Average (GPA) on college work attempted within the **last two years**.
4. A minimum of **2.50** high school Grade Point Average (GPA) for students without prior college work. **NOTE:** GED is acceptable in lieu of high school transcript.
5. Eligibility for **English 101** and **Math 100** as determined by college policy.
6. Good standing with college.
7. Meeting the essential functions required for CLT.
8. A score of **76 or higher** on the **COMPASS** Reading Examination (or related ACT Reading Score of 17 or higher).
9. Keyboarding skill of at least **25** words per minute as determined by typing test.

Curriculum

General Education Requirements — 24 Credit Hrs

ORI 101 Orientation to College	1
MTH 100 Intermediate College Algebra.....	3
ENG 101 English Comp I	3
ENG 102 or HUM English Comp II	
OR Humanities Elective.....	3
BIO 201 Anatomy & Physiology I.....	4
BIO 202 Anatomy & Physiology II.....	4
SPH 106/107/116 Speech Elective.....	3
PSY 200 General Psychology	3

Core Courses — 49 Credit Hours

CLT 100 or CLT 106 Phlebotomy	
OR Clinical Calculations & Statistics	2
CLT 111 Urinalysis & Body Fluids	3
CLT 121 CLT Hematology.....	5
CLT 131 Laboratory Techniques	3
CLT 141 CLT Microbiology I.....	5
CLT 142 CLT Microbiology II.....	5
CLT 151 CLT Clinical Chemistry.....	5
CLT 161 Integrated Lab Simulation	2
CLT 181 CLT Immunology	2
CLT 191 CLT Immunohematology	5
CLT 294 CLT Clinical Practicum I.....	3
CLT 295 CLT Clinical Practicum II.....	3
CLT 296 CLT Clinical Practicum III	3
CLT 297 CLT Clinical Practicum IV	3

If you have ever been convicted of a crime, other than minor traffic violations, you are advised to consult with the Medical Laboratory Technician licensing board regarding your licensing eligibility: American Society for Clinical Pathology Board of Registry, Phone (800) 267-2727. Website : www.ascp.org

**For program information,
call Marta Schonhoff at 256-260-1434**

Rev. 11/07

Calhoun Community College

P.O. Box 2216 • Decatur, AL 35609-2216 • 256-306-2500
www.calhoun.edu

Your Community. Your College. Your Future.

ADA/AFFIRMATIVE ACTION/ EQUAL OPPORTUNITY EDUCATIONAL INSTITUTION