

Texas Southern University
College of Pharmacy and Health Sciences
Health Sciences Department
Application for
CLINICAL LABORATORY SCIENCE PROGRAM
(Formerly Medical Technology)

Application Procedure

Application Deadline : April 1

The Clinical Laboratory Science Program (CLS) begins in the Fall semester of each year. Interviews are held the last two weeks of April preceding the Fall semester. The application process consist of the following which are to be submitted to the Program director or an advisor:

1. Students not already enrolled in the university must seek entrance to the university through regular channel.(The student must complete the university application form, submit an official transcript and pay any applicable fees to the university registrar).
2. The student must apply separately to the clinical laboratory science program by completing the application process listed below.
3. Transfer students must meet both the requirements for admission to the university and the clinical laboratory science program.
4. All students interested in the Clinical Laboratory Science Program must submit the following material:
 - Completed application
 - Official transcript (second transcript, not one sent to registrar)
 - Transcript evaluation if applicable
 - Narrative (describe your background and interest in Clinical Laboratory Science)
 - Signed essentials
 - Recommendations (three)

- Entrance Examination
- Other requirements (such as entrance exam fee, and date of exam, drug testing, etc. will be posted).

ALL APPLICATION DOCUMENTS SHOULD BE PLACED IN A LEGAL SIZED ENVELOPE, WITH THE APPLICANT NAME VISIBLE AND SUBMITTED TO PROGRAM DIRECTOR OR CLS ADVISOR.

Texas Southern University
 College of Pharmacy and Health Sciences
 Health Sciences Department
 Application for
Clinical Laboratory Science Program

Revised 1/2006

Please Print or Type:

 Name (Last) (First) (Middle)

 S.S/I.D. Number Date of Birth Telephone

 E-Mail Address Permanent Telephone

 Contact Address City State Zip Code

 Permanent Address City State Zip Code

**LIST ADDITIONAL COLLEGES/UNIVERSITIES YOU
 HAVE ATTENDED.**

1. _____
 College/University City State Hrs Degree

2. _____
 College/University City State Hrs Degree

3. _____
 College/University City State Hrs Degree

Transfer Student: Yes _____ No _____

University Transcript Evaluation Complete: Yes _____ No _____

Signature _____ Date _____

Write a narrative (typed and double spaced) of 1 – 2 pages about your background and your interests in the Clinical Laboratory Science Profession. Attach the typed and double spaced narrative to your application . Sign and date your completed narrative.

**Texas Southern University
College of Pharmacy and Health Sciences
Clinical Laboratory Science
Recommendation Form**

Applicant's Name: _____

TO THE RECOMMENDER: The above-name student has applied for admission to the Clinical Laboratory Science Program. Someone who has previously taught this student has known the applicant for at least one year period must complete this section. We appreciate your frank appraisal of the student. Your recommendation may be given to the student in a sealed envelope or you may mail it to Texas Southern University, College of Pharmacy and Health Sciences, 3100 Cleburne Houston, Texas 77004

1. How long have you known the applicant? _____
2. In what capacity have you known the applicant? _____

Please indicate your evaluation of the student on the following characteristics in comparison with other students in his/her class. The applicant should be rated on a scale of 1 – 10 with 10 representing an excellent rating. In some cases where you are unable to rate a particular area, please enter a 0 which will indicate unknown.

CATEGORY	1	2	3	4	5	6	7	8	9	10
Personal Appearance										
Academic Appearance										
Self-Confidence										
Work Habits										
Motivation										
Seriousness of Purpose										
Potential for Contributions										
Resourcefulness and Initiative										
Emotional Maturity										
Adaptability to New Situation										
Proficiency with English										

I would consider the applicant's overall success in the **Clinical Laboratory Science Program** within the College of Pharmacy and Health Sciences:

_____ Poor _____ Below Average _____ Good _____ Outstanding

Thank you for your assistance. Please give this form to the student in a sealed envelope or mailed to:

**Texas Southern University
College of Pharmacy and Health Science
Department of Health Sciences
Clinical Laboratory Science
3100 Cleburne
Houston, Texas 77004**

Signature _____ Date _____

Name _____ (Print) Title _____

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Department of Health Sciences
Clinical Laboratory Science
3100 Cleburne
Houston, Texas 77004

Signature _____ Date _____

Name _____ **(Print) Title** _____

Essential Requirements for Clinical Laboratory Science/Medical Technology Students

A student in the Clinical Laboratory Science/Medical Technology Program at Texas Southern University is expected to meet the following requirements.

Observation Requirements

- Observe laboratory demonstrations in which biologicals (e.g., body fluids, culture materials, tissue sections, and cellular specimens) are tested for their biochemical, hematological, microbiological, and immunologic components
- Characterize the color, odor, clarity, and viscosity of biologicals, reagents, or chemical reaction products
- Employ a clinical grade binocular microscope to discriminate among fine structural differences of microscopic specimens
- Read and comprehend text, numbers, and graphs displayed in print and on a video monitor or other visual aid

Movement Requirements

- Move freely and safely about a laboratory
- Reach laboratory bench tops and shelves, patients lying in hospital beds or patients seated in specimen collection furniture
- Travel to numerous clinical laboratory sites for practical experience
- Perform moderately taxing, continuous physical work, often requiring prolonged sitting, over several hours
- Maneuver phlebotomy and culture acquisition equipment to safely collect valid laboratory specimens from patients
- Control laboratory equipment (e.g., pipettes, inoculating loops, test tubes) and adjust instruments to perform laboratory procedures
- Use an electronic keyboard (e.g., 101-key IBM computer keyboard) to operate laboratory instruments and to calculate, record, evaluate, and transmit laboratory information

Communication Requirements

- Read and comprehend technical and professional materials (e.g., textbooks, magazines, journal articles, handbooks, and instruction manuals)
- Follow verbal and written instructions in order to correctly and independently perform laboratory test procedures
- Clearly instruct patients prior to specimen collection
- Effectively, confidentially, and sensitively converse with patients regarding laboratory tests
- Evaluate the performance of fellow students, staff, and healthcare professionals verbally and in a recorded format (writing, typing, graphics, or telecommunications)
- Use computer software (word processor, spreadsheet, database, information systems), the internet, and the world wide web for communication, education, and professional purposes

- Independently prepare papers, laboratory reports, and take paper, computer, and laboratory practical examinations

Intellectual Requirements

- Possess the intellectual skills of comprehension, measurement, mathematical calculation, reasoning, integration, analysis, comparison, self-expression, and criticism
- Solve problems and think critically
- Exercise sufficient judgment to recognize and correct performance deviations
- Critically evaluate own performance, accept constructive criticism, and look forward to improve (e.g., participate in enriched educational activities)
- Dress to project a neat, well-groomed, professional appearance
- Conduct oneself in a professional manner toward fellow students, faculty, and patients
- Manage the use of time and systematize actions in order to complete professional and technical tasks within realistic constraints
- Possess the emotional health necessary to effectively employ intellect and exercise appropriate judgment
- Provide professional and technical services while experiencing the stresses of task-related uncertainty (e.g., ambiguous test ordering, ambivalent test interpretation), emergent demands (e.g., “stat” test orders), and a distracting environment (e.g., high noise levels, crowding, complex visual stimuli)
- Be flexible and creative and adapt to professional and technical change
- Recognize potentially hazardous materials, equipment, and situations and proceed safely in order to minimize risk of injury to patients, self, and others nearby
- Adapt to working with potentially offensive specimens, chemicals, and biologicals
- Support and promote the activities of fellow students and health care professionals
- Help foster a team approach to learning, task completion, problem solving, and patient care
- Be honest, compassionate, ethical and responsible
- Be forthright about errors or uncertainty

I feel that I can achieve the standards described above for the Clinical Laboratory Science Program.

Signature _____ Date _____