Tulsa Community College
School of Health Sciences
Medical Laboratory Technician

SMART START
ALLIED HEALTH ORIENTATION

Program Director:
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Application deadline
May 1st

Program Basics
Number of semesters: 6 (2-3 for prerequisites) (MLT program is only 4 semesters which takes approximately 13 months).
Total Credit Hours: 64-69 (Student may have certain classes in phlebotomy waived with experience)
Degree or Certificate earned: AAS in Medical Laboratory Technology
Other: We are a 1+1 Program, prerequisites first year and then apply for the MLT program which is only 4 semesters and 13 months.
Students eligible for ASCP credentialing upon passing national board exam.

Prerequisites and General Education
Students can apply to the program at any time, regardless of whether or not they are done will all prerequisites.
We admit a new class each summer and to be considered for that class you must have all (but one) prerequisites courses done by the Spring of year you wish to be admitted. The exception is that we do allow one science course to be taken in the Summer prior to the program if you still lack it. We are a 1+1 program which means that the first year are the prerequisites and you are actually applying to be accepted into the 2nd year. Once accepted into the MLT program it is only 4 semesters (Summer, Fall, Spring, Summer). With the first summer semester dependent on student (Ex: still need phlebotomy or another science course). Once Fall semester starts you only take MLT courses.

Biology 12 hours**
- BIOL 1314 - Human Anatomy and Physiology
- BIOL 2164 - Microbiology (L)
- BIOL 1224 - Introduction to Biology for Majors (L)

Chemistry 4 hours**
- CHEM 1114 - Principles of Chemistry (L)

English 6 hours
- ENGL 1113 - Composition I
- ENGL 1213 - Composition II

History and Political Science 6 hours
- POLS 1113 - American Federal Government
- and select one course from the following:
- HIST 1483 - U.S. History 1492 to the Civil War Era
- HIST 1493 - U.S. History - Civil War Era to the Present

** These courses must be completed with a grade of "C" or better

Application Scoring Criteria

ACT: Not required

GPA: Science GPA accounts for 45 % of overall ranking
Overall GPA accounts for 15% of overall ranking

Interview: Interview consists of 25% of overall ranking

Writing Sample: This is submitted at the time of the interview and consists of 15 % of overall ranking.

Other: Students may get additional ranking points for: upper level science courses, additional degrees, significant work experience in a laboratory environment.

Percentages of these are placed on a scale and each applicant is given a score out of 50.

Job Description and Basic Essential Function

TCC's Medical Laboratory Technician program prepares you to perform screening and diagnostic tests and related duties under the supervision of a medical technologist. Medical laboratory technicians play a vital role in hospitals, diagnostic labs, physicians' offices, blood banks and other health screening centers, helping with prevention and diagnoses of diseases such as cancer and diabetes. The tests performed by lab technicians help physicians verify the causes of an illness, make medical decisions and determine treatment options.

Our program is nationally accredited by the National Accrediting Agency for Laboratory Science. Graduates from the TCC program receive an Associate Degree in Applied Science. Many courses within TCC's Medical Laboratory Technician degree program may transfer to four-year colleges and universities. Once you have successfully completed the program, you are eligible to take the National Registry exam sponsored by the American Society of Clinical Pathology.

Basic Essential Function

Physical Requirements

A student in the MLT program must possess sufficient visual skills to perform and interpret laboratory assays, including the ability to:

1. Read calibration lines on pipettes and laboratory instruments that are one millimeter apart.
2. Distinguish between solutions that are clear, opaque or particulate in test tubes and/or on glass slides.
3. Identify stained and unstained cellular components in the range of one micrometer using a binocular bright field microscope.
4. Differentiate color reactions. Must have Visual ability to discern colors, read and interpret test.
5. A student in the MLT program must have the ability to successfully navigate around the laboratory and hospital.
6. A student in the MLT program must have the ability to carry and lift objects weighing up to 15 pounds.

Risk Management Requirements

Immunizations: MMR, Varicella, Tdap, Hepatitis B, Influenza (Flu), COVID-19.

Note: Students may sign a waiver for Hepatitis B. Students may submit a Medical or Religious exemption form in place of the COVID-19 vaccine.

CPR: American Heart Basic Life Support (this is the only one accepted)

Background check

Drug screen

Other: TB skin test and physical will be required

Clinical or Fieldwork Expectations

Travel:

Student are required to travel to clinical locations. Our policy is within 50 miles of students location is an acceptable clinical site. However we often try and keep the travel under 30 minutes or less.

We have the clinical locations in the following locations:

Tulsa (Multiple Locations), Muskogee, Claremore, Bartlesville, Stillwater, Tahlequah

Cost:

Please see Cost worksheet that will be provided. However the below is the estimated cost of the MLT courses only. Please use the TCC estimator online to determine cost of general education courses.

Total: $7,610.00

Note: (Subtract ~$400.00 if MDLT 1222 required. Subtract ~$950.00 if MDLT 1222 and MDLT 1203 not required).

Talk to Program Director if you are eligible to have those courses waived.

****This cost does not include the 28 hours of general education prerequisite courses.**

Please use the TCC tuition cost estimator for these.

Program Recommended Study Habits

Assessment types: Examinations, Competencies, Clinical Evaluations, Case Studies

Rigor:

- Recommended that students spend 2 hours studying for every 1 hour of lecture.
- Recommended that students spend 2 hours of studying for every credit hour of lab. Students need to make the most of laboratory practice opportunities.
- Lecture/Lab Classes make up all the Fall semester and 12 weeks of the Spring Semester. The last 4-5 weeks of the Spring semester and the Summer semester consist of clinical rotations.

GPA minimums

Science GPA: 2.4

Overall: 2.0

****Please note that these are minimums and do not guarantee admission, they will guarantee an interview and evaluation for admission.**

Ways to Maximize Competitiveness of Application

1. Complete your Science Prerequisites with a high GPA. The minimum science GPA is 2.4 but the average science GPA of students admitted is a 3.15. Science GPA consists of 45% the overall ranking. Having a good science GPA can off-set a lesser overall GPA.

2. Minimize withdrawals, administrative withdrawals, grades of "D" or "F". These can lower a ranking score.

3. Research the profession and do an observation if possible. The writing sample usually pertains to your understanding of the profession and therefore the desire to do our program.

4. Check e-mails and maintain correspondence with the program director and or academic advisor. This will allow a student to stay on-track in getting the prerequisites completed.

5. Make sure you send all your transcripts to the college. You may additionally e-mail a copy to the program director so he/she may determine your status.

6. Review the materials sent by the program director prior to the interview portion. The program director will usually send information about questions and expectations.