

IMPORTANT

In compliance with the American with Disability Act, the Medical Laboratory Science program provides the following information to aid the applicant/student to determine whether reasonable modification will be needed. Admissions is not based on these standards.

Essential Functions

Visual:

- **Visual ability sufficient to differentiate colors, identify structures microscopically and read written materials**
 - a. Ability to observe characteristics from biological specimens including but not limited to color, clarity, etc.
 - b. Characterize reagents or chemical products, and the reactions they produce during routine analyses.
 - c. Comprehend text in the form of numbers, graphs letters etc. displayed on an electronic monitor and/or print in the English language.
 - d. Ability to operate a clinical microscope to distinguish various intricate structures such as cells and characteristics to categorize accurately for precise diagnosis of biological disorders/illnesses.

Motor Skills

- **Gross and fine motor skills necessary to manipulate laboratory instruments and equipment consistent with standard of medical laboratory practice**
 - a. Perform tasks that require the use of various analyzers and instruments to transmit data essential to patient care.
 - b. Dexterity necessary to use essential tools in a laboratory setting such as pipettes, analyzers, keyboards, computers, heat-fixed tools, loops, etc. as well as venipuncture procedures or other medical procedures

Communication Skills

- **Skills adequate for transmitting information to and from patients and other health professionals**
 - a. Provide instructions to patients
 - b. Communicate effectively in written and verbal forms
 - c. Ability to read, comprehend and follow instructions

Critical Skills

- **Intellectual attributes sufficient for clinical decision making including in emergency medical situations**
 - a. Identify unacceptable results and take appropriate action as well as locate sources of error

Behavioral

- **Behavioral attributes sufficient for working in a health care environment and providing patient care**
 - a. Ability to adapt to changes regarding technological advancements in healthcare and make critical decisions in times of emergencies and in high-stress environments.
 - b. Work efficiently to reflect swift turnaround times for specific duties and/or tasks.
 - c. Ability to respond ethically and honestly in all decisions including but not limited to:
 - i. Being honest with errors made in the laboratory or work field.
 - ii. Able to receive constructive criticism and self-evaluate for performance improvement.
 - iii. Ability to recognize potentially harmful outcomes to situations that may arise and work to limit harm to oneself and others through safety procedures and protocols.
 - d. If a student is diagnosed with a psychiatric disorder or mental health disorder, he/she may function as a medical laboratory science student if the condition is under control and/or under the care of a clinician. This will allow for accomplishment of the program's educational, psychomotor, and affective goals with or without reasonable accommodation. The student's functioning must oblige by required acceptable standards. In the case of a deteriorating event, the student must be willing to accept professional help before the event can pose danger to self, staff, colleagues, patients, or patient care.