

Medical Laboratory Technology Physical and Environmental Requirements*

The following abilities are **essential functions** of this position:

Near Vision	The ability to see details at close range (within a few feet of the observer).
Information Ordering	The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).
Oral Expression	The ability to communicate information and ideas in speaking so others will understand.
Problem Sensitivity	The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing that there is a problem.
Oral Comprehension	The ability to listen to and understand information and ideas presented through spoken words and sentences.
Finger Dexterity	The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects.
Written Comprehension	The ability to read and understand information and ideas presented in writing.
Arm-Hand Steadiness	The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.
Category Flexibility	The ability to generate or use different sets of rules for combining or grouping things in different ways.
Control Precision	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
Deductive Reasoning	The ability to apply general rules to specific problems to produce answers that make sense.
Flexibility Closure	The ability to identify or detect a known pattern (a figure, object, word, or sound) that is hidden in other distracting material.
Manual Dexterity	The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.
Selective Attention	The ability to concentrate on a task over a period of time without being distracted.
Speech Clarity	The ability to speak clearly so others can understand you.
Speech Recognition	The ability to identify and understand the speech of another person.
Visual Color Discrimination	The ability to match or detect differences between colors, including shades of color and brightness.
Written Expression	The ability to communicate information and ideas in writing so others will understand.
Inductive Reasoning	The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).
Mathematical Reasoning	The ability to choose the right mathematical methods or formulas to solve a problem.
Number Facility	The ability to add, subtract, multiply, or divide quickly and correctly.
Perceptual Speed	The ability to quickly and accurately compare similarities and differences among sets of letters, numbers, objects, pictures, or patterns. The things to be compared may be presented at the same time or one after the other. This ability also includes comparing a presented object with a remembered object.

When submitting the online application, you will agree to the essential functions of the Medical Laboratory Technology program. You can meet all requirements of the vital functions necessary for success in laboratory medicine. If unable to, you will immediately notify the MLT program coordinator if your physical capabilities and behavioral skills deteriorate. If the essential functions are not met at any time, your candidacy in the program will be reviewed.

* Reference: National Center for O*NET Development. 29-2012.00 - Medical and Clinical Laboratory Technicians. O*NET OnLine. Retrieved June 16, 2023, from <https://www.onetonline.org/link/summary/29-2012.00>.