

George Washington University Clinical Laboratory Science Program

Essential Functions

A career-entry clinical laboratory scientist must be able to: (1) operate sophisticated instrumentation; maintain accurate and precise records; (3) perform quality assurance activities related to procedures and instrument performance; and, (4) accurately perform laboratory procedures utilizing independent judgment with minimal technical supervision.

Students must possess the following basic competencies to meet the requirements of the curriculum:

1. Ability to learn and utilized the body of knowledge necessary to meet the requirements of the curriculum:
 - a. integrating and correlating data generated by various clinical laboratory departments
 - b. analyzing data and determining possible discrepancies
 - c. confirming abnormal results
 - d. documenting quality control procedures
 - e. solving problems concerning generation of laboratory data

2. Physical stamina and coordination so that procedures relative to the profession can be performed. Examples are:
 - a. Hand coordination for the performance of laboratory procedures including:
 - 1) managing hazardous chemicals
 - 2) isolating infectious disease agents
 - 3) making smears (slides)
 - 4) pipeting samples and reagents
 - 5) mixing samples and reagents
 - 6) performing venipunctures
 - 7) manipulating computer keyboards for input of data

 - b. Visual acuity to be able to:
 - 1) verify patient identification and test results
 - 2) microscopically identify cells, bacteria, parasites, fungi, etc.
 - 3) manipulate patient samples and reagents safely

Essential Functions Acknowledgment Form

I have read and understand the *Essential Functions* of The George Washington University Clinical Laboratory Science Program, and believe that I can meet these standards.

Printed name of applicant

Signature of applicant

Date