

# EISENHOWER MEDICAL CENTER

## SCHOOL OF MEDICAL LABORATORY SCIENCE

### ESSENTIAL FUNCTIONS

#### Essential Physical Requirements of Employment by Institution

- Evidence of good physical and mental health
- Manual dexterity skills to include repetitive use of hands, fingering, and grasping
- Able to stand and/or walk four hours at a time
- Average vision/hearing
- Able to lift 25 pounds from floor to waist
- Must be able to sit for up to six hours

**Protective Equipment Required:** As required by task and procedure

**Environmental Exposures:** Per Department's Material Safety Data Sheets

#### Essential Observational Requirements for the Medical Laboratory Sciences

The MLS/CLS student must be able to:

- observe laboratory demonstrations in which biologicals (i.e. body fluids, culture materials, tissue sections and cellular specimens) are tested for their biochemical, hematological, immunological, and microbiological 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 and color (hue, shading and intensity) differences of microscopic specimens
- read and comprehend text, thermometers, numbers and graphs displayed in print and on a video monitor

#### Essential Movement Requirements for the Medical Laboratory Sciences

The MLS student must be able to:

- move freely and safely about a laboratory and to course locations
- reach laboratory bench-tops and shelves, patients lying in hospital beds or patients seated in specimen collection furniture
- travel to other clinical laboratory sites for practical experience, if needed
- use phlebotomy and culture acquisition equipment safely to collect valid laboratory specimens from patients
- utilize laboratory equipment (i.e. pipettes, inoculating loops, test tubes) and adjust instruments to perform laboratory procedures
- use and operate laboratory instruments and computers to calculate, record, evaluate and transmit laboratory information

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### **Essential Intellectual Requirements for the Medical Laboratory Sciences:**

The MLS/CLS student must:

- possess the following intellectual skills: comprehension, measurement, mathematical calculation, reasoning, integration, analysis, comparison, self-expression and criticism
- be able to exercise sufficient judgment to recognize and correct performance deviations

### **Essential Communication Requirements for the Medical Laboratory Sciences**

The MLS/CLS student must be able to:

- read and comprehend technical and professional materials (i.e. textbooks, magazine and journal articles, handbooks and instruction manuals)
- follow verbal and written instructions in order to correctly and independently perform laboratory test procedures
- communicate effectively with faculty members, students, patients, staff, physicians and other health care professionals, verbally and in a recorded format (writing, typing or graphics)
- independently prepare papers and laboratory reports and take paper, computer, and laboratory practical examinations in a timely manner
- communicates any safety issues or concerns with facilitators, staff, or other clinical personnel

### **Essential Behavioral Requirements for the Medical Laboratory Sciences**

The MLS/CLS student must:

- manage the use of time and be able to 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
- be able to provide professional and technical services while experiencing the stresses of task-related uncertainty (i.e. ambiguous test ordering, ambivalent test interpretation), emergent demands (i.e. “stat” test orders) and a distracting environment (i.e. 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 nearby individuals
- adapt to working with unpleasant biologicals
- support and promote the activities of fellow students and of health care professionals. Promotion of peers helps furnish a team approach to learning task completion, problem solving and patient care.
- be honest, compassionate, professional, ethical and responsible. The student must be forthright about errors or uncertainty. The student must be able to critically evaluate her or his own performance, accept constructive criticism, and look for ways to improve (i.e. participate in enriched educational activities). The student must be able to evaluate the performance of fellow students and tactfully offer constructive comments.
- Attend all scheduled didactic lectures and all clinical rotations.

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I have read the above *Statement of Essential Functions* and hereby recognize the technical standards and essential functions necessary for entry into a Medical Laboratory Science career.

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**Student Signature**

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**Date**

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**Print Name**