

## **INOVA FAIRFAX HOSPITAL SCHOOL OF MEDICAL LABORATORY SCIENCE TECHNICAL STANDARDS**

Technical standards represent the essential non-academic requirements of the program that students must master to successfully participate in the program and become employable. Prior to admission each student must agree that they can and are prepared to meet these requirements with or without reasonable accommodation. Inova Fairfax Hospital School of Medical Laboratory Science is an equal opportunity employer. Inova Fairfax Hospital and its Program does not discriminate based on gender, age, race, color, creed, religion, pregnancy, or related medical conditions, marital status, national origin, mental or physical disability or any other characteristic protected by applicable federal, state, or local law. The Program will provide reasonable accommodations to otherwise qualified students with disabilities. The following is a list of the technical abilities and skills:

### **1. Manual Dexterity**

Students must:

- Be able to manipulate objects precisely and perform assays that require fine or gross motor skills using good eye-hand physical coordination (such as pipetting, measure and aliquot liquids).
- Be able to handle needles and syringes and perform phlebotomy safely and accurately.
- Be able to handle flammable and hazardous chemicals, electrical and infectious biological materials.
- Be able to reach instruments, bench tops, and equipment to perform duties adequately.
- Be able to carry objects weighing up to 20 pounds and have the stamina to perform academic program functions over an 8-hour day including standing or sitting.
- Be able to maneuver freely in the clinical laboratory setting and, in a patient-care setting.

### **2. Vision**

Students must:

- Be able to distinguish colors, hue, shading or intensity and clarity.
- Be able to use a microscope to read biological material and identify fine structural differences and color.
- Be able to read and interpret charts, graphs, and labels in print and video monitor.

### **3. Communication Skills**

Students must:

- Be able to communicate in English, both verbally and in writing to all staff, employees, students, patients and other healthcare workers.

### **4. Intellectual and Critical Thinking Skills**

Students must:

- Be able to judge, comprehend, make calculations, analyze and perform complex interpretative testing.
- Be able to solve problems and apply critical thinking under normal and stressful situations.

### **5. Ethical Standards**

Students must:

- Exercise ethical judgement, integrity, honesty, dependability, patient confidentiality and adhere to the academic and professional code of ethics.

### **6. Safety**

Students must:

- Be able to recognize and respond to safety issues, including recognizing emergency situations and taking appropriate actions.
- Be able to adhere to the regulations of accrediting agencies, comply with safety regulations of the laboratory and maintain a safe environment for themselves and others.