

**HAGERSTOWN COMMUNITY COLLEGE
MEDICAL LABORATORY TECHNICIAN PROGRAM
Technical Standards**

Students enrolled in the Medical Laboratory Technician Program must meet the following requirements to perform effectively in the educational activities of the program and in the medical laboratory technician profession.

Determination is made on an individual basis as to whether or not accommodations or modifications can be reasonably made.

Students who have special needs are encouraged to identify themselves to the Coordinator of Disability Support Services as early as possible. Reasonable accommodations based on current documentation are provided to qualified students.

ISSUE	STANDARD	EXAMPLES OF REQUIRED ACTIVITIES (Not all inclusive)
Critical Thinking	Critical thinking abilities sufficient for safe and appropriate clinical judgment and situational awareness.	<ul style="list-style-type: none"> • Identify cause-effect relationships in clinical situations; evaluate patient or instrument responses; synthesize data; draw sound conclusions.
Interpersonal, Behavioral, and Social Skills	Interpersonal abilities to interact effectively with patients and colleagues from diverse cultural, social, emotional, and intellectual backgrounds.	<ul style="list-style-type: none"> • Establish rapport with patients and colleagues. • Maintain mature, sensitive, and effective relationships with patients and colleagues (interpersonal skills). • Tolerate physically demanding workload. • Function effectively under stress. • Adaptability to changing environments (flexible schedules, emergency situations). • Display compassion, professionalism, empathy, integrity, concern for others, and interest and motivation. • Work collaboratively with healthcare professionals.
Communication	Communication abilities sufficient for effective interaction with others in expressive and written English, including computer literacy.	<ul style="list-style-type: none"> • Explain treatment procedures; initiate health teaching; document and interpret instructions. Listen attentively.
Mobility	Physical abilities sufficient to move from area to area and maneuver in small spaces; full range of motion; manual and finger dexterity; and hand-eye coordination.	<ul style="list-style-type: none"> • Be able to push, pull, and lift 25 pounds. • Maneuver around the equipment within work spaces and small areas.

Technical Standards – MLT

Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective care.	<ul style="list-style-type: none"> • Calibrate and use equipment. • Transfer and position patients or life and operate equipment with necessary strength and dexterity.
Hearing	Auditory abilities sufficient to monitor and assess patient needs, and provide a safe environment.	<ul style="list-style-type: none"> • Hear monitor/equipment alarms, emergency signals, auscultatory sounds, cries for help, and patient reactions during procedures within normal hearing range.
Visual	Visual abilities sufficient for observation and assessment for safe operation of equipment, and patient care management.	<ul style="list-style-type: none"> • Visually differentiate instruments and equipment. • Notice subtle changes in an individual's facial expression. • Differentiate shade patterns. • Differentiate between unsterile and sterilization monitor strips. • Read expiration dates materials. • Read computer screen, procedure manuals, patient information on charts, bracelets, etc. • Differentiate cells, organisms, etc. under a microscope.
Tactile	Tactile ability sufficient to perform required physical assessment and equipment operation functions.	<ul style="list-style-type: none"> • Distinguish smells which are contributory to assessing and/or those maintaining the patient's health status or environmental safety. • Actuate various equipment, manipulate various instruments and materials. • Manipulate dials, buttons, and switches of various sizes.
Mental	Intellectual and emotional abilities sufficient for assessment, safe operation of equipment, performance of duties, and care.	<ul style="list-style-type: none"> • Be able to mentally concentrate and focus attention, thoughts, and efforts on patients and equipment to competently perform care and treatment procedures.
Environmental Requirements	Physical and mental health sufficient enough to tolerate the rigors of the program and the health care environment.	<ul style="list-style-type: none"> • Be able to tolerate risks and discomforts in the clinical setting that require special safety precautions, additional safety education, and health risk monitoring (i.e. bloodborne pathogens, working with sharps, chemicals, and infectious disease.) • Be able to wear protective clothing or gear such as masks, goggles, gloves, and lead aprons.

Revised Version from Hagerstown Community College Medical Imaging Program

Applicants with allergies and sensitivities, especially to latex and nitrile products, put themselves at risk of reaction in the health care environment. Students with allergies and sensitivities must have permission from their physician and follow physician and college guidelines to participate in the Medical Laboratory Technician program.

Please list allergies and sensitivities:

The student must notify the Program Coordinator if there is any change in his/her ability to meet the above physical requirements while enrolled in the Medical Laboratory Technician program.

I, _____, have read and understand the requirements
(print name)
listed on this form.

Signature: _____

Date: _____