

Beaumont

SCHOOL OF MEDICAL LABORATORY SCIENCE
Department of Clinical Pathology, Beaumont Hospital - Royal Oak

ESSENTIAL FUNCTIONS / TECHNICAL PERFORMANCE STANDARDS Technologist Programs Application 2021-2022

Essential functions (or technical performance standards) represent the essential non-academic requirements that students must master to successfully participate in the program. Students must be able to affirm their ability to perform the following functions upon acceptance:

1. POSSESS VISION ACUITY TO:

- Differentiate various colors and their shades
- Discriminate fine details
- Read text, numbers, graphs, labels, details in print, writing, computer, monitors
- Accurately judge distance and depth perception, and 2 and 3 dimensional structures
- See equipment, details with near vision

2. POSSESS HEARING ACUITY TO:

- Distinguish sounds of equipment, alarms, and phones

3. POSSESS SENSORY INPUT TO:

- Distinguish hot, cold and ranges of temperature by touch
- Feel changes in skin surface of patients
- Feel patient pulse
- Use tactile sense to palpate appropriate anatomic structures, veins, arteries
- Detect and distinguish various odors

4. POSSESS MANUAL DEXTERITY/FINE MOTOR SKILLS TO:

- Manipulate, maneuver, adjust, control small objects, computer, keyboard, chemicals, equipment, supplies
- Perform venipuncture and skin punctures

5. POSSESS PHYSICAL and GROSS MOTOR FUNCTIONS TO:

- Physically work an 8 hour day
- Move freely and safely around (area) and hospital
- Lift and/or carry 20 pounds
- Bend and stoop
- Grasp with one or both hands
- Ability to reach 3 feet (tables, shelves, patients, etc.), using a step stool if necessary
- Sit for prolonged period of time
- Stand and/or remain stationary for prolonged period of time
- Perform repetitive tasks

6. POSSESS WILLINGNESS TO WORK WITH SAFETY HAZARDS:

- Sharp objects (e.g., needles, scalpels, etc.)
- Hazardous chemicals (e.g., toxic, corrosive, flammable, etc.)
- Radioactivity
- Infectious/biohazardous materials/specimens
- People with communicable diseases
- Occasionally hostile patients and/or families

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7. POSSESS MENTAL SKILLS TO:

- Apply complex thought processes to problem solve and/or troubleshoot
- Prioritize and perform multiple tasks, assignments and exams accurately and within feasible time allowance
- Perform tasks, assignments with & without direct supervision, as required
- Use reasonable judgment to recognize & correct performance deviations, under stressful situations, time constraints, distracting environment
- Assess medical and/or safety emergencies and respond quickly and appropriately
- Compile, analyze and correlate data
- Perform at the level determined and required by the profession and the hospital

8. POSSESS COMMUNICATION SKILLS TO:

NOTE: All verbal and written communications are in English as the primary language of this institution

- Understand and follow verbal & written instructions
- Communicate clearly, both verbally and in writing
- Displays appropriate verbal, non-verbal and proxemic communications
- Read & comprehend on a post-secondary level: text, numbers, math, graphs, textbooks, journals, instructions, internet, communications, procedures, etc.
- Independently study and prepare papers, reports, posters, homework
- Clearly deliver oral presentations/simulations
- Take written, computer and practical/clinical/demonstration exams at post-secondary level without additional resources/assistance
- Take written, computer and practical/clinical/demonstration exams and/or clinical evaluations at post-secondary level within established time frames
- Use computer software/internet for communication, education purposes
- Read and apply appropriate instructions in treatment charts, records, procedures, both on-line and on paper
- Interact and communicate effectively and confidently with all patients, visitors, hospital staff, instructors, and classmates, in all settings
- Verbally communicate with patients and staff to provide test results, procedure information, and/or patient instructions or patient education
- Speak clearly and loudly to be heard and understood over background equipment noise and over intercom or telephone system

“IV. Students

A. Publications and Disclosures

1. The following must be defined, published, and readily available to prospective and enrolled students:

.... f. admission criteria, including essential functions....”

(Taken from: *Core Standards for Accredited and Approved Programs*, published by the National Accrediting Agency for Clinical Laboratory Sciences, copyright 2012, page 6.)

Acceptance into the Technologist program is dependent upon many factors, including the student's grades, letters of recommendation, statement of career goals, academic and work experiences, successful completion of a physical examination performed by the Beaumont Health Employee Occupational Health Service, and assessment by the Admissions Committee of a candidate's potential ability to meet the above mentioned Essential Functions.

I have read the above Essential Functions / Technical Performance Standards.

Student Signature

Date