

Technical Standards for Admission

1. Manual Dexterity and Fine Motor Skills:

- a) maneuver equipment to safely collect valid laboratory specimens from patients;
- b) control laboratory equipment (i.e., pipettes, inoculating loops, test tubes) and adjust instruments to perform laboratory procedures;
- c) use a computer keyboard to operate laboratory instruments and to calculate, records, evaluate and transmit laboratory information.

2. Mobility:

- a) move freely and safely about a laboratory;
- b) reach laboratory bench tops and shelves, patients lying in hospital beds or patients seated in specimen collection chairs;
- c) perform moderately taxing continuous physical work, often requiring prolonged sitting, over several hours.

3. Vision:

- a) observe laboratory demonstrations in which biological specimens (i.e., body fluids, culture materials) are analyzed for their biochemical, hematological, cytologic, immunologic and/or microbiological components;
- b) characterize the color, odor, clarity and viscosity of biological specimens, reagents or chemical reaction products;
- c) operate a clinical grade binocular microscope to discriminate among fine structural and color differences of microscopic specimens, to include hue, shading and intensity;
- d) read and comprehend text, numbers and graphs displayed in print and on a video monitor.

4. Hearing:

- a) ability to adapt with assistive devices as needed in order to communicate understandably in English (i.e., phone receivers, hearing aide, etc.).

5. Communication:

- a) ability to verbally communicate understandably in English;
- b) ability to communicate effectively in the written form of English;
- c) ability to read, comprehend and follow directions printed in English.

6. Intellectual:

- a) possess the following intellectual skills - comprehension, measurement, mathematical calculation, reasoning, integration, analysis, comparison, self-expression and critical thinking.

7. Behavioral:

- a) provide technical and professional services while working within stresses of time constraints, emergency demands, ambiguous test ordering, ambivalent test interpretation, unpleasant biological specimens and distracting environment;
- b) be willing to adapt to technical change;
- c) recognize potentially hazardous materials, equipment and situations and follow safety procedures in order to minimize risks to patients, self and nearby individuals;
- d) support and promote activities of fellow students and other health care professionals;
- e) exhibit honest, compassion, ethical and responsible behaviors to include:
 1. be forthright about errors or uncertainty;
 2. being able to critically evaluate self-performance;
 3. being able to accept constructive criticism;
 4. seeking professionally and personally enriching activities.

By signing this document, I attest that I have read and understand the Technical Standards for admission to the ABEL SBBT/TM Program, and I believe that I can and am prepared to meet these requirements.

Student Signature/Date