

## **TECHNICAL STANDARDS FOR ADMISSION**

### **Observation**

Candidates must be able to observe in lecture, laboratory and in clinical settings. Vision, color vision or red/green and blue/yellow color, hearing and tactile sensation must be adequate to perform laboratory testing and palpation of veins. Candidates must be able to see and hear signal/warning lights on laboratory instruments, timers, blood bank refrigerators, blood culture instruments and telephones.

### **Communication**

Candidates must possess effective verbal and written communication skills for communication with instructors, laboratory staff, physicians, and patients.

### **Motor**

Candidates must have the ability use both hands to perform basic laboratory maneuvers and procedures such as palpation, grasping, holding, pipetting, measuring, operating centrifuges, calibration/set-up and daily operation of laboratory instruments, computers and microscopes. Candidates must be able to move between settings such as classroom, laboratories, and clinical settings.

Physical stamina is also required to complete the rigorous course of didactic and clinical requirements. Candidates must be able to withstand long periods of sitting, standing, bending, lifting in both didactic and clinical phases.

### **Intellectual**

Candidates must be able to measure, calculate, reason, analyze, synthesize, critically think and problem solve medical laboratory data and discrepancies. The candidate must be able to comprehend advanced concepts in biology, human physiology and medical biochemistry. The candidate must be able to read and comprehend medical literature.

### **Behavioral Attributes**

Candidates must possess the intellectual maturity and emotional maturity to understand the importance of performing laboratory testing on patients, family members and loved ones. Candidates must exercise absolute integrity, sound judgement, and honesty in the performance of laboratory testing and prompt completion of patient care responsibilities. The development of mature, sensitive and effective relationships with members of the health care team and patients is essential. Flexibility, adaptation, compassion, integrity, motivation, effective interpersonal skills and concern for others are requirements of the profession. The ability to function under stress is essential.

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Student's Name

\_\_\_\_\_  
Date

By signing your name, you testify that you have read this document and agree that you meet the technical requirements for admission to the RPH medical laboratory sciences program.