

**OUR LADY OF FATIMA HOSPITAL
RHODE ISLAND HOSPITAL
SCHOOL OF MEDICAL TECHNOLOGY**

**TECHNICAL STANDARDS
FOR
ADMISSIONS AND RETENTION**

INTRODUCTION

The Bachelor of Science Degree in Medical Laboratory Science is a broad undifferentiated degree attesting to general knowledge in medical laboratory science and the basic skills required to practice as a medical laboratory scientist. The clinical internship program provided by the School of Medical Technology is an integral part of this curriculum. The program provides the academic and practical experiences necessary to attain entry level competency in the practice field.

POLICY

The Clinical Faculty in the Rhode Island Hospital and Our Lady of Fatima Department of Pathology has a responsibility for the welfare of the patients treated or otherwise affected by students enrolled in the Medical Technology Program. In order to fulfill this responsibility, the School has established minimum technical standards that must be met, with or without reasonable accommodation, in order to participate in the program and graduate. The School, as a part of Rhode Island Hospital and Our Lady of Fatima Hospital, is committed to the principal of equal opportunity. The School does not discriminate on the basis of race, color, creed, religion, national origin, gender, sexual orientation, age, marital status, disability, disabled veteran or Vietnam era veteran status.

PROGRAM

Admissions and retention decisions for Medical Technology are based not only on prior satisfactory academic achievement, but also on non-academic factors which serve to insure that the candidate can complete the technical requirements of the program for graduation. Technical standards, as distinguished from academic standards, refers to those cognitive, physical, and behavioral abilities that are necessary for satisfactory completion of all aspects of the curriculum and for the development of professional attributes required by the faculty of all students at graduation. The School's Technical Standards have been developed in compliance with the Americans with Disabilities ACT (PL101-336) and the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). The following technical standards are identified as essential requirements which must be met by all students in order to complete the program and insure entry level competence in professional practice.

Observational Skills *(use of visual, auditory, and somatic sense)*

The student must be able to:

- 1.) Observe laboratory demonstrations in which human specimens (blood, body fluids, tissues, culture materials, etc.) are analyzed for their biochemical, immunological, microbiological, or hematological components.
- 2.) Characterize the color, odor, clarity, and viscosity of biological specimens, reagents, or biochemical products.
- 3.) Employ a clinical microscope to discriminate among fine structural and color differences (hue, intensity, and shading) of microscopic preparations.
- 4.) Read and comprehend text, numbers, and graphs displayed in print and on video display monitors.

Motor Function Skills *(physical motor skills, tasks, or responses)*

The student shall be able to:

- 1.) Move freely and safely about the clinical laboratories.
- 2.) Reach laboratory bench tops, shelves, patients lying on hospital beds or seated in specimen collection chairs.
- 3.) Travel to various clinical laboratories both on and off campus for practical experiences provided by the curriculum.
- 4.) Perform moderately taxing continuous physical work, often requiring prolonged sitting or standing over several hours.
- 5.) Maneuver equipment required to safely collect laboratory specimens in both an inpatient and outpatient setting.
- 6.) Operate laboratory equipment (i.e. pipettes, test tubes, inoculating loops) and adjust instruments to perform laboratory procedures.
- 7.) Use an electronic keyboard to operate laboratory instruments and to calculate, record, evaluate and transmit laboratory information.

Communication Skills *(oral and written communication)*

The student shall be able to:

- 1.) Read and comprehend technical and professional materials including laboratory procedures, instructional manuals, technical manuals, textbooks and other reference material in the laboratory.
- 2.) Follow verbal and written instructions in order to correctly and independently perform laboratory procedures.
- 3.) Instruct patients on specimen requirements prior to their collection and insure validity of specimen for analysis.
- 4.) Effectively and sensitively communicate with patients regarding laboratory tests.

Technical Standards (cont.)

- 5.) Maintain confidentiality in appropriate communication with patients, physicians, and other healthcare professionals regarding laboratory results or other patient information.
- 6.) Communicate effectively with faculty, staff, and other healthcare professionals both verbally and in writing (typed reports, written messages, or telecommunications).
- 7.) Independently prepare laboratory reports, papers or other written assignments required in the program.
- 8.) Complete examinations provided in within – paper format, computer-assisted format and laboratory practical format.

Intellectual Skills *(conceptual, integrative, quantitative skills)*

The student must be able to:

- 1.) Demonstrate the cognitive abilities necessary to master relevant content in the clinical laboratory courses at a level deemed appropriate by the faculty.
- 2.) Comprehend, analyze, integrate and synthesize clinical information or data as it relates laboratory tests and procedures.
- 3.) Accurately quantify, mathematically calculate, or extrapolate data related to laboratory tests.
- 4.) Develop reasoning and decision making skills appropriate to the practice of clinical laboratory science.
- 5.) Exercise sufficient judgment to recognize and correct deviations in performance.

Behavioral/Social Skills *(responsibility, integrity, professionalism)*

The student must:

- 1.) Be able to manage the use of time and be able to systematize actions in order to complete professional and technical tasks within realistic constraints.
- 2.) Possess the emotional health necessary to effectively employ intellect and exercise appropriate judgment.
- 3.) Be able to provide professional and technical services while experiencing the stress of emergent demands (i.e. stats orders) and distracting environment (noise levels, crowding, complex visual stimuli).
- 4.) Be flexible and creative when adapting to technical and professional changes in the laboratory.
- 5.) Recognize potentially hazardous material, equipment, and situations and proceed safely in order to minimize risk of injury to patients, self, and colleagues.
- 6.) Support and promote the activities of fellow students and of healthcare professional to promote a team approach to learning, problem solving, and overall patient care.
- 7.) Be honest, compassionate, ethical and responsible.
- 8.) Be forthright about errors or uncertainty.
- 9.) Be able to critically evaluate self-performance, accept constructive criticism and look for way to improve performance.

Technical Standards (cont.)

These technical standards identify the requirements for admission, retention and graduation of applicants and students respectively. Graduates of the School of Medical Technology are expected to be qualified to enter the profession. It is therefore the responsibility of the student with disabilities to request those accommodations that he/she feels are reasonable and are needed to execute the essential requirements described.

Each Applicant must submit a signed statement (attached) that they have read, understand, and can meet the Technical Standards for admission to the School of Medical Technology. This form must be submitted along with the application materials required for admissions to the School.

**OUR LADY OF FATIMA HOSPITAL
RHODE ISLAND HOSPITAL
SCHOOL OF MEDICAL TECHNOLOGY**

Technical Standards for Admission and Retention

Technical standards identify the requirements for admission, retention and graduation of applicants and students respectively. All graduates are expected to be qualified to enter the field of Medical Laboratory Science.

Please sign and date this form, and return it with your application materials for the Medical Technology Program.

I certify that I have read and understand the School of Medical Technology Technical Standards requirements for admission and that I meet each of them, with or without reasonable accommodation.

Signature

Date

Print or Typed Name