

**HISTOTECHNOLOGY SCHOOL
UNIVERSITY OF PITTSBURGH MEDICAL CENTER
TECHNICAL STANDARDS**

SENSORY/OBSERVATIONAL SKILLS:

Candidates for admission to the Histotechnology program must:

Be able to observe demonstrations and participate in laboratory experiments as required in the curriculum.

Have visual acuity corrected to 20/40 and visual perception with respect to depth and color.

PHYSICAL AND MOTOR SKILLS:

Candidate for admission to the Histotechnology program must:

Have sufficient motor function to operate/manipulate and maintain a microscope and other laboratory instruments or equipment.

Have dexterity with both wrists, hands and arms, and dexterity with all fingers.

Possess eye-hand coordination and have the ability to engage in laboratory procedures which involve grasping, pinching, pulling, fingering, holding, extending, rotating and cutting.

Have the ability to obtain and/or verify patient samples and possess sufficient stamina to tolerate physically taxing workloads.

COMMUNICATION SKILLS:

Candidate for admission to the Histotechnology program must:

Be able to communicate in English in oral and written form.

Have the ability to participate in discussion in the classroom, the clinical arena and with colleagues and patients.

Be able to acquire information developed through classroom instruction, clinical experiences, independent learning, and consultation.

Have the ability to understand and complete reading assignments and to search and evaluate the literature.

Be able to complete written assignments and maintain written records.

Acquire the ability to use a computer for instructional assignments and patient care activities.

INTELLECTUAL/CONCEPTUAL, INTEGRATIVE AND QUALITATIVE SKILLS:

Candidates for admission to the Histotechnology program must:

Have the ability to measure, calculate, analyze, interpret, synthesize and evaluate data.

Have the ability to learn to prioritize and perform laboratory testing.

Have the ability to learn to make sound judgments and formulate diagnoses after correlating clinical data with histologic findings.

Possess organizational skills and be able to solve one or more problems within specific time frames which are often short.

Have the ability to perform duties and assignments in a timely fashion while under stress and in a variety of settings.

Have the ability to comprehend three-dimensional relationships and understand the spatial relationships of anatomic, histologic and cellular structures.

BEHAVIORAL/SOCIAL SKILLS AND PROFESSIONALISM:

Candidates for admission to the Histotechnology program must:

Demonstrate the ability to follow instructions/procedures with accuracy and precision.

Possess the ability to maintain intellectual and emotional stability and maturity under stress, while also maintaining appropriate performance standards.

Have the ability to manage time, organize workload and meet deadlines.

Be able to learn and exhibit professional attributes.

Be able to practice discretion and confidentiality in regard to laboratory and patient reports.

Adhere to safety guidelines for self and others and be able to comply with standards and regulations required by external agencies.

Have the ability to function as part of a team and to learn to delegate responsibilities appropriately.