

Davidson County Community College Medical Laboratory Technology Technical Standards

Criterion	Standard	Example
Cognitive	A. Ability to measure, calculate, reason, analyze, integrate and synthesize information.	1. Example: Apply information, evaluate the meaning of data and engage in critical thinking in the classroom and clinical settings. 2. Example: Apply broad class concepts to unique client situations. 3. Example: Concentrate to correctly perform medical laboratory procedures within their scope of practice and document appropriately in the often distracting and noisy clinical setting. 4. Example: Make correct judgments on seeking consultation or supervision in a timely manner. 5. Example: Respond appropriately to constructive feedback.
Communication	A. Appropriate interpersonal interaction with other students, faculty, staff, patients, family and other professionals. B. Effective communication with others, both verbally and in writing.	1. Example: Establish and maintain a professional relationship with patients and colleagues. 2. Example: Demonstrate appropriate impulse control and professional level of maturity. 1. Example: Explain procedure and treatments, document actions, record patient responses to treatment in a professional manner. 2. Example: Convey information in a clear, professional, and timely manner. 3. Example: Listen and respond to others in an accepting and respectful manner. 4. Example: Ability to make and receive phone calls from physicians and other health care professionals.
Motor Skills	A. Sufficient motor function to execute movements required to perform necessary tasks in laboratory setting and to perform necessary procedures to patients both in-house and in an ambulatory setting. B. Sufficient physical endurance to participate fully in the clinical and academic settings at an appropriate level.	1. Example: Participate, with reasonable limits, to maneuver patients as needed to perform necessary tasks such as venipuncture and bleeding times. 2. Example: Manipulate equipment to perform maintenance and daily runs on laboratory analyzers. 3. Example: Ability to organize and manage laboratory inventory including the processing and dispersing of laboratory supplies and reagents. 1. Example: Participate completely in classroom activities. 2. Example: Participate fully in required activities in the clinical setting including extended periods of standing, and lifting laboratory equipment.
Professional Conduct	A. Function effectively and adapt to circumstances including highly stressful or rapidly changing situations.	1. Example: Examine and change his or her behavior when it interferes with professional relationships or the academic or health care environments. 2. Example: Maintain mature, sensitive and effective relationships with patients, colleagues, faculty, staff and other professionals.

	<p>B. Incorporate professional standards of practice into all activities.</p> <p>C. Demonstrate integrity and accountability in clinical and academic setting.</p> <p>D. Present self in a professional manner in clinical and academic settings.</p> <p>E. Utilize computers correctly, effectively and professionally to acquire information and to communicate with others.</p>	<p>3. Example: Demonstrate emotional stability to participate fully in the clinical and academic setting at an appropriate level.</p> <p>1. Example: Engage in patient care delivery in all settings and be able to deliver care to all patient populations including but not limited to children, adolescents, adults, developmentally disabled persons, medically compromised patients and vulnerable adults.</p> <p>2. Example: Work effectively with a team in an academic or ambulatory care setting.</p> <p>3. Example: Use correct and appropriate grammar in written and oral communication, always being culturally sensitive and professional.</p> <p>1. Example: Complete all assignments in a timely manner while adhering to the DCCC code of ethics.</p> <p>2. Example: Respond appropriately to constructive feedback.</p> <p>1. Example: Attend clinical following uniform policy, including appropriate hygiene with no detectable scents or odors.</p> <p>2. Example: Wear appropriate clothing that is not distracting or offensive when in the learning environment.</p> <p>1. Example: Use Moodle to collect course information.</p> <p>2. Example: Utilize clinical computers to deliver safe patient care.</p> <p>3. Example: Utilize the internet to collect current information from appropriate sources to provide accurate and reliable laboratory testing.</p> <p>4. Example: Communicate via e-mail in a professional and ethical manner.</p>
Sensory	<p>A. Hearing sufficient to perform and report patient laboratory procedures.</p> <p>B. Vision sufficient for assessment necessary to deliver appropriate care.</p> <p>C. Sense of touch sufficient to perform a physical procedure and to detect movement.</p>	<p>1. Example: Hear and identify an alarm on a clock or laboratory instrument and to respond in an appropriate manner.</p> <p>2. Example: Ability to make and receive phone calls from physicians and other health care professionals.</p> <p>1. Example: Observe a patient accurately, at a distance and close at hand.</p> <p>2. Example: Accurately interpret non-verbal communications.</p> <p>3. Example: Read the scales on pipettes and syringes in order to make necessary dilutions and to calibrate instrumentation.</p> <p>4. Example: See a change in color that is necessary for interpretation of a laboratory procedure.</p> <p>5. Example: Ability to see adequately when using a microscope that all cellular detail is clearly visible.</p> <p>6. Example: Ability to see and interpret miller disks and micrometers microscopically.</p> <p>1. Example: Detect pulsation. Palpate an artery or vein.</p>

