

**Davidson County Community College**  
**Computer Technology Integration Technical Standard**

<b>Criteria</b>	<b>Standard</b>	<b>Example</b>
Critical thinking/problem solving	Ability to calculate, reason, analyze, integrate and synthesize information	<p><i>Apply information, evaluate the meaning of data and engage in critical thinking in the classroom and clinical setting.</i></p> <p><i>Apply broad class concepts to unique technical situations.</i></p> <p><i>Respond appropriately to constructive feedback.</i></p> <p><i>Read textbooks and handouts.</i></p> <p><i>Replicate procedures and input commands in proper sequence.</i></p> <p><i>Use programming language and syntax.</i></p> <p><i>Explain the operation of computer components.</i></p> <p><i>Describe a computer operating system.</i></p> <p><i>Design networks addressing schemes.</i></p> <p><i>Test computer equipment.</i></p>
Communication	<p>Appropriate interpersonal interaction with other students, faculty, staff, and other professionals.</p> <p>Effective communication with others, both verbally and in writing.</p>	<p><i>Establish and maintain a professional relationship with colleagues</i></p> <p><i>Demonstrate appropriate impulse control and professional level of maturity.</i></p> <p><i>Convey information in a clear, professional and timely manner.</i></p> <p><i>Listen and respond to others in an accepting and respectful manner.</i></p> <p><i>Document work accurately.</i></p>
Motor Skills	<p>Possess sufficient mobility and dexterity to do computer installations, wiring, and repairs.</p> <p>Sufficient physical endurance to participate fully in the academic settings at an appropriate level.</p>	<p><i>Lift and transport equipment and materials as necessary.</i></p> <p><i>Execute computer commands.</i></p> <p><i>Operate necessary tools and equipment.</i></p> <p><i>Remove and replace failed components and small parts.</i></p> <p><i>Participate completely in classroom activities.</i></p>
Professional Conduct	Incorporate professional standards of practice into all activities.	<p><i>Work effectively with a team in an academic setting.</i></p> <p><i>Refrain from using improper grammar, profane or inappropriate communications.</i></p>

	<p>Demonstrate integrity and accountability in an academic setting.</p> <p>Present self in a professional manner in an academic setting.</p> <p>Utilize computers correctly, effectively and professionally to acquire information and to communicate with others.</p>	<p><i>Complete all assignments in a timely manner adhering to the DCCC code of ethics.</i></p> <p><i>Respond appropriately to constructive feedback.</i></p> <p><i>Take all tests and final examinations as scheduled.</i></p> <p><i>Wear appropriate clothing that is not distracting or offensive when in the learning environment.</i></p> <p><i>Work independently with minimal supervision.</i></p> <p><i>Work cooperatively with partners and groups.</i></p> <p><i>Follow through with responsibilities.</i></p> <p><i>Work diligently and put in necessary time to complete tasks.</i></p> <p><i>Maintain positive attitude and work ethic.</i></p> <p><i>Use Blackboard/Moodle to collect course information.</i></p> <p><i>Utilize the Internet to collect current information from appropriate resources.</i></p> <p><i>Communicate via e-mail in a professional and ethical manner.</i></p>
<p>Sensory</p>	<p>Hearing sufficient to assess computer software and hardware for proper functioning.</p> <p>Vision sufficient to properly use, trouble-shoot, and repair a computer.</p>	<p><i>Hear an audio tone to trouble-shoot computer issues at startup.</i></p> <p><i>Recognize command line input/output and computer codes.</i></p> <p><i>Distinguish basic colors.</i></p> <p><i>Examine computer hardware components for diagnosis and repair.</i></p> <p><i>Observe and replicate teacher-demonstrated procedures.</i></p> <p><i>Accurately interpret non-verbal communications.</i></p>