



## Emergency Medical Science Technical Standards

### Purpose Statement:

Technical Standards are nonacademic abilities and characteristics established to meet the essential functions of the selected program of study. This resource is provided to all potential applicants to facilitate the making of an informed decision about a program of study and future career. To better understand the nonacademic expectations of this program of study, the specific technical standards are provided below.

In the case of a qualified individual with a documented disability, appropriate and reasonable accommodations will be made unless to do so would fundamentally alter the essential instructional and training elements, cause undue hardship, or compromise the safety of the patient, student, or instructor.

Standard	Definition of Standard	Example(s) of Technical Standard as applied in Program
<b>Critical Thinking / Problem-Solving Skills</b>	Create, implement, and revise emergency treatment plans based on assessment findings.	<ul style="list-style-type: none"> <li>● Identify cause and effect relationships</li> <li>● Plan/control activities for others</li> <li>● Sequence information, events, and activities accurately</li> <li>● Ability to accurately assess a situation to make potential life-saving decisions</li> </ul>

Standard	Definition of Standard	Example(s) of Technical Standard as applied in Program
<b>Interpersonal Skills</b>	Appropriate interpersonal interaction sufficient to work collaboratively with others.	<ul style="list-style-type: none"> <li>● Negotiate interpersonal conflict</li> <li>● Accept responsibility and correction in a professional manner</li> <li>● Respect the dignity and rights of all individuals during all interactions</li> <li>● Establish rapport with patients and coworkers</li> </ul>
<b>Communication Skills</b>	Ability to effectively communicate using English verbal and non-verbal formats with patients and colleagues.	<ul style="list-style-type: none"> <li>● Clearly explain medical procedures and treatments using medical or lay terminology</li> <li>● Convey information through writing</li> <li>● Document call reports appropriately for billing</li> </ul>
<b>Mobility</b>	Sufficient range of motion and strength to perform tasks necessary for personal and patient safety, assessment, and treatment.	<ul style="list-style-type: none"> <li>● Twisting, bending, squatting, and stooping to reach patients in different situations</li> </ul>

Standard	Definition of Standard	Example(s) of Technical Standard as applied in Program
<b>Motor Skills</b>	Sufficient motor function to execute movements required to perform duties with the ability to engage in skills requiring the use of gross and fine motor manipulation of arms, hands and fingers.	<ul style="list-style-type: none"> <li>● Protect yourself from combative patient</li> <li>● Assess pulses</li> <li>● Provide medical procedures such as IVs and chest decompression</li> </ul>
<b>Physical Strength and Stamina</b>	Sufficient physical endurance to participate fully in the clinical and academic settings at an appropriate level.	<ul style="list-style-type: none"> <li>● Perform physical tasks requiring prolonged physical exertion (ex: walking for long periods of time while carrying equipment and/or patients, vehicle extrication, extrication of a victim from the confines of a structure).</li> <li>● Serve 12-hour shifts at base waiting for 911 activation</li> </ul>
<b>Sensory</b> <ul style="list-style-type: none"> <li>● Sound</li> <li>● Sight</li> <li>● Touch</li> <li>● Smell</li> </ul>	Sufficient auditory, visual, and tactile ability to monitor and assess health needs.	<ul style="list-style-type: none"> <li>● Detect loud, soft, high and low frequency sounds, such as alarms, blood pressure sounds, heart sounds, breath sounds</li> <li>● Detect changes in color of skin, distinguish between colors on color-coded medical equipment, and</li> </ul>



Standard	Definition of Standard	Example(s) of Technical Standard as applied in Program
		locate objects and people in dark places <ul style="list-style-type: none"> <li>● Detect pulses, temperature, and determine landmarks for medical procedures</li> </ul>
<b>Behavioral / Emotional Skills</b>	Present self in a professional manner, demonstrating integrity, accountability and reliability; Function effectively and adapt to circumstances including highly stressful or rapidly changing situations.	<ul style="list-style-type: none"> <li>● Abide by the NCOEMS Code of Ethics</li> <li>● Operate within NCOEMS Patient Care Treatment Protocols</li> <li>● Function under stress and deal with patients and others who may be experiencing stress</li> <li>● Adapt to changing environments and schedules</li> </ul>
<b>Environmental / Occupational Exposure</b>		<ul style="list-style-type: none"> <li>● Carry out job skills in an infectious and hazardous environment</li> </ul>

**Accessibility & Accommodations:**

It is SCC's goal to create a learning environment that is accessible and inclusive. **If a student has a question as to their ability to meet the minimal technical standards listed above, they should contact the Office of Learner Accessibility & Equity to determine if the standard can be met with accommodations.** To learn more about resources available to you, schedule a consultation or appointment, and/or establish accommodations that may be needed based on impact of a disability, please contact the office of Learner Accessibility & Equity at [accessibility@southwesterncc.edu](mailto:accessibility@southwesterncc.edu) or 828.339.4326 (Balsam Center, Room 129A).



**Signature of Understanding:**

I have received a personal copy of the program specific technical standards. I was provided the opportunity to address any questions or concerns. I understand that these are enforceable, nonacademic standards required for the program of study and I certify that I have the ability to meet the technical standards of the program of study.

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Student name (printed)

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Student Signature

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Date