

Standard Number	Technical Standards	ADVANCED EMERGENCY MEDICAL TECHNICIAN
1	Work as part of a team. Thorough knowledge of theoretical procedures & ability to integrate knowledge & performance into practical situations is critical.	
2	Psychological: Self-confidence, emotional stability, good judgment, tolerance for high stress, pleasant personality.	
3	Deals with adverse social situations, calls to high crime rates.	
4	Physical Demands: Good physical stamina, endurance & body condition, which would not be adversely affected by lifting, carrying, balancing at times patients in excess of 125 lbs. (250 lbs. w/ help). Work 24 hr. shifts. Assists in lifting a patient to a stretcher, into the ambulance & securing the stretcher.	
5	Performance: Driving the ambulance in a safe manner, discerning street names, map reading, correctly distinguish house numbers/businesses.	
6	Communication: Telephone or radio for transmitting and responding to MD advice or instructions, ability to concisely & accurately describe orally to MD patient's condition. Able to communicate with emergency dispatcher, police, fire, First Responders and other hospital staff.	
7	Summarize all data in form of a written report.	
8	Verbal & reasoning skills as used more extensively than math.	
9	Math: Calculates medication dosages and fluid administration using mathematical concepts.	
10	Temperatures: adaptability to making generalizations, evaluations or decisions based on sensory or judgmental criteria, measurable or verifiable criteria, dealing with people, perform under stress, attainment of set limits, tolerances, or standards, performing variety of duties, changing from one task to another of a different nature without loss of efficiency of composure.	
11	Must work in outdoor/indoor conditions, in any circumstance. Effected by all environmental conditions.	
12	Ability to work independently without defined structure, have good stable reasoning ability with ability to draw valid conclusions expediently to patient's condition, often using limited information.	
13	Must be cognizant of all legal, ethical and morals obligations inherent within scope of practice.	
14	Assume responsibility for personal goals, professional development and success.	
15	Administers medications through a variety of routes.	
16	Supervises activities and educational expenses of assigned observers and students.	

The list of Program Specifications that follows can be referenced to the Standard Numbers above. The ability to perform these action or activities is necessary to complete program lab and clinical functions as well as to work in this field.

A change in your ability to perform any of the Technical Standards must be reported to the Associate Dean of Public Safety, or to your instructor immediately.

Physical Factors	YES	NO	Technical Standard/ Number
Standing	◆		4
Walking	◆		4
Sitting	◆		4
Lifting			
10 lbs.	◆		4
20 lbs.	◆		4
50 lbs.	◆		4
100 lbs.	◆		4
100 lbs. +	◆		4
Carrying			
10 lbs.	◆		4
20 lbs.	◆		4
50 lbs.	◆		4
100 lbs.	◆		4
100 lbs. +	◆		4
Pushing/Pulling			
10 lbs.	◆		4
20 lbs.	◆		4
50 lbs.	◆		4
100 lbs.	◆		4
100 lbs. +	◆		4
Climbing	◆		4
Balancing	◆		4
Bending	◆		4
Stooping	◆		4
Crouching	◆		4
Kneeling	◆		4
Crawling	◆		4

Physical Factors	YES	NO	Technical Standard/ Number
Running	◆		4
Twisting	◆		4
Turning	◆		4
Jumping	◆		4
Grasping-Firm/Strong	◆		4
Grasping-Light	◆		4
Finger Dexterity	◆		4
Reaching Forward	◆		4
Reaching Overhead	◆		4
Pinching	◆		4
Touch	◆		4
Sensation (e.g. size, shape, texture)	◆		4
Temperature	◆		4
Vibration	◆		4
Palpation	◆		4
Stimulating use of Hand, wrist, fingers (e.g. typing, data entry)	◆ ◆		
Coordination	◆		
Eye-hand	◆		4, 5
Eye-hand-foot	◆		4, 5
Driving	◆		4, 5
Vision			
Acuity, Near	◆		4, 5
Acuity, Far	◆		4, 5
Depth perception	◆		4, 5
Accommodation	◆		4, 5
Color vision	◆		4, 5
Field of vision	◆		4, 5

Environmental Factors	YES	NO	Technical Standard/ Number
Works indoors	◆		11
Works outdoors	◆		11
Exposure to extreme hot or cold temp	◆		11
Working at unprotected heights	◆		11
Being around moving machinery	◆		11
Exposure to marked changes in temperature/humidity	◆		11
Exposure to dust, fumes, smoke, gases, odors, mists or other irritating particles (specify)	◆		11
Exposure to toxic or caustic chemicals	◆		11
Exposure to excessive noises	◆		11
Exposure to radiation or electrical energy		◆	11
Exposure to solvents, grease, or oils	◆		11
Exposure to slippery or uneven Walking surfaces	◆		11
Working in confined spaces	◆		11
Using computer monitor	◆		11
Working with explosives	◆		11

Cognitive/Mental Factors	YES	NO	Technical Standard/ Number
Reasoning Deal with abstract and concrete variables, define problems, collect data, establish facts, and draw valid conclusions	◆		1, 6, 7, 8, 9, 12, 13, 14, 15, 16
Interpret instructions furnished in oral, Written, diagrammatic, or schedule form	◆		5, 6, 8, 9, 12, 13, 14, 15, 16
Deal with problems from standard situations	◆		2, 3, 10, 12, 13, 14, 15, 16
Carry out detailed but uninvolved written or oral instructions	◆		5, 6, 7, 9, 12, 13, 15, 16
Carry out one or two step instructions	◆		6, 9, 12, 13, 14, 15, 16
Mathematics Complex skills –Business math, algebra, geometry or statistics	◆		6, 7, 9, 12, 13, 14, 15, 16
Simple skills – add, subtract, multiply and divide whole numbers and fractions, calculate time and simple measurements	◆		9, 12, 13, 14, 15, 16
Reading Complex skills – Comprehend newspapers, manuals, journals, instructions in use and maintenance of equipment, safety rules and procedures and drawings	◆		5, 6, 10, 12, 13, 14, 15, 16
Simple skills – Comprehend Simple instructions or notations from a log book	◆		5, 6, 10, 12, 13, 14, 15, 16

Environmental Factors	YES	NO	Technical Standard/ Number
Exposure to vibration	◆		11
Exposure to flames or burning items		◆	11
Works around others	◆		1, 11
Works alone	◆		11
Works with others	◆		1, 11
Safety Equipment (Required to wear)			
Safety glasses	◆		11
Face mask/face shield	◆		11
Ear plugs	◆		11
Hard Hat	◆		11
Protective Clothing	◆		11

Cognitive/Mental Factors	YES	NO	Technical Standard/ Number
Writing Complex skills – Prepare business letters, report summaries using prescribed form at and conforming to all rules of punctuation, spelling, grammar, diction and style	◆		6, 7, 12, 13, 14, 15, 16
Simple skills – English sentences containing subject, verb and object, names and addresses, complete job application or notations in log book	◆		7, 12, 13, 14, 15, 16

Cognitive/Mental Factors	YES	NO	Technical Standard/ Number
Perception Spatial – ability to comprehend forms in space and understand relationships of plane and solid objects; frequently described as the ability to “visualize” objects of two or three dimensions, or to think visually of geometric forms	◆		5, 6, 12, 13
Form – ability to perceive pertinent detail in objects or in pictorial or graphic material; to make visual comparisons and discriminations and see slight differences in shapes and shadings of figures and widths and lengths of line	◆		5, 6, 7, 12, 13
Clerical – ability to perceive pertinent detail in verbal or tabular material; to observe differences in copy, to proof-read words and numbers, and to avoid perceptual errors in arithmetic computation	◆		6, 7, 8, 12, 13
Data Synthesizing	◆		1, 6, 7, 10, 12, 13
Coordinating	◆		1, 6, 7, 10, 12, 13
Analyzing	◆		1, 6, 7, 10, 12, 13
Compiling	◆		1, 6, 7, 10, 12, 13
Computing	◆		1, 6, 7, 10, 12, 13

Cognitive/Mental Factors	YES	NO	Technical Standard/ Number
Copying	◆		1, 6, 7, 10, 12, 13
Comparing	◆		1, 6, 7, 10, 12, 13
Personal traits Ability to comprehend and follow instructions	◆		1, 6, 10, 12, 13
Ability to perform simple and repetitive tasks	◆		1, 6, 10, 12, 13
Ability to maintain a work pace appropriate to a given work load	◆		3, 6, 10, 12, 13
Ability to relate to other people beyond giving and receiving instructions	◆		3, 6, 10, 12, 13
Ability to influence people	◆		1, 3, 6, 10, 12, 13
Ability to perform complex or varied tasks	◆		1, 3, 6, 10, 12, 13
Ability to make generalizations, evaluations or decisions without immediate supervision	◆		1, 3, 6, 10, 12, 13
Ability to accept and carry out responsibility for direction, control and planning	◆		1, 3, 6, 10, 12, 13

Technical Standards Criteria and Supplemental Information Student Signature Page

The Americans with Disabilities Act of 1990 (42 U.S.C. & 12101 *et seq.*) and Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. & 794) prohibits discrimination of persons because of their disability. In keeping with these laws, colleges of the Wisconsin Technical College System make every effort to ensure a quality education for students. The purpose of this document is to ensure that students acknowledge that they have been provided information on the Technical Standards required of a student in the chosen program.

☐ Yes ☐ No I have read and understand the **Technical Standards** relative to the Advanced EMT Program.

☐ Yes ☐ No I can meet the **Technical Standards** as specified and do not need any reasonable accommodations to meet those standards at this time.

If checked No above: Please [Click Here](#) to complete the accommodation request form.

☐ Yes ☐ No **If applicable to my program:** I have read the **Supplemental**
☐ N/A **Information Sheet** and I understand my program's expectations.

Printed Name

Student ID #/ DOB

Signature

Date