

### **EMT Initial Course**

	LifeStart EMT Program □Fall □Spring □Summer YEAR:				
		□Fall □Sp	ring Libumi	ner YEAR:	
Name:		 First		 Middle	
Lust		FIISL		wildule	
Do you have Social Sec	curity Number/EIN/TIN y	ou can provide for c	ertification? (r	required):YES	NO
Date of Birth:					
Email address:					
Mailing Address:	Number & Street	Apt./Suite	 City	 State	 Zip
		, .	,		·
Primary Phone:		Alternate Pho	one:		_
Were you referred to o	our program? If so, by w	hom (list just one): _			
answer questions rega certification by the Na your background histo information:	e LifeStart Training & Cording felony convictions tional Registry and Texas ry, please look at the folment of State Health Ser	, or deferred adjudic s Department of Star lowing websites for	ation as part o e Health Servi their evaluatio	of the application process. For information or procedure and co	ocess for n regarding ontact
o <u>www</u>	v.dshs.state.tx.us/emstra	aumasystems/Qihon	ne.shtm		
	stry of EMT's Felony Con	•			
o <u>www</u>	v.nremt.org/about/police	y felony.asp			
COURSE TECHNICAL, A	lemic, and physical stand CADEMIC, AND PHYSIC Chnical, academic, and p	AL STANDARDS, pag	e 3 of this app	lication packet). A	
Yes No _	(if no, please ex	xplain)			

Return the completed scanned documents and application to Tony Martinez at <a href="mailto:tmartinez@lifestart.us">tmartinez@lifestart.us</a>. For questions about schedule and course workload, email Steven at <a href="mailto:svillavi@lifestart.us">svillavi@lifestart.us</a>. For questions about application process, immunizations, or clinicals, email Tony at the email above.



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Prior to acceptance:

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Printed	Name	Signature	Date
be requ	iired prioi	to start of clinical rotations.	
		cations are accepted, and a seat will be reserved for you. I understand the	nat the above items will
	prior to	the start of class.	
		year and they must be valid through the end of the course. This cannot b	e older than 90 days
II.		two-step TB test (PPD skin test or chest x-ray) with a negative reading. T	
	start of	class. All applicants must be at least 18 years of age by the start of their	first clinical.
l.		cants must pass a criminal background check and drug screen no more th	
<u>Applic</u>	ation P	nase 2 (Once Phase 1 is complete you will receive instructions to co	omplete this phase.)
		exemption from meningitis vaccine.	· ·
		a) Proof that the student will be 22 years of age at the	start of class if declaring
	٥. ـ	preceding and at least 10 days to the first day of class <b>or</b>	mg the live-year period
	Q	Proof of initial bacterial meningitis vaccination dose or booster du	ring the five-year period
	,·-	applies for fall and spring semesters)	This regulierieric omy
		Proof of the Influenza vaccine (Flu shot) for the current flu season.	
	6.	Proof of Tetanus-Diphtheria and pertussis (Tdap) vaccination withi	n the last 10 years
		b)Physician documented history of the disease	
		a)A serum titer confirming immunity or	
	5.	Proof of one Rubella Vaccination (may be part of a second MMR)	or
		c)Physician documented history of the disease, regard	less of date of birth
		b)Proof that the student was born prior to January 1, 1	
		a)A serum titer confirming immunity <b>or</b>	
	4.	Proof of one mumps vaccination (may be part of a second MMR)	or
		c)Physician documented history of the disease, regard	iess of date of birth
		b)Proof that the student was born prior to January 1, 1	
		a)A serum titer confirming immunity <b>or</b>	
	3.	Proof of two measles vaccinations (may be part of MMR) <b>or</b>	
		a)a serum titer confirming immunity	
	2.	Proof of a complete series of three injections of the Hepatitis B Va	accination <b>or</b>
		c)a serum titer confirming immunity	
		<ul><li>b)documentation of two immunizations <u>or</u></li><li>c)a serum titer confirming immunity</li></ul>	
		a)physician documented history of the disease <u>or</u>	
	1.	Proof of Varicella (Chicken Pox) immunity as shown by	
II.		cants must provide written documentation from a health care professio	nal for:
	2.	Proof of Health Insurance	
	1.	requirement for certification)	e rieditii sei vices
1.	411 appli	Proof of high school graduation or GED (Texas Department of Stat	o Hoalth Convices
I.	All annli	cants must provide one copy of each of the following:	



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### EMT INITIAL COURSE TECHNICAL, ACADEMIC, AND PHYSICAL STANDARDS

- 1) CRITICAL THINKING The student must have critical thinking abilities sufficient for clinical judgment such that the individual can make independent judgments in the absence of other medical team members and/or medical control; and determine methods and treatments to use when caring for patients with varying illnesses or injuries. Examples:
  - Assess scene safety in uncontrolled environments.
  - Assess patient's physical condition and determine the severity of illness or injury.
  - Assess patient's current and past medical histories by asking questions appropriate to the illness or injury.
  - Prioritize patient's severity.
  - Prioritize specific care modalities.
  - Determine correct treatment modalities or algorithms.
  - Determine appropriate exceptions to approved treatment modalities.
  - Determine limits of acceptable span of control in ordinary and extraordinary circumstances.
- **2) PROBLEM-SOLVING** The student must have the problem solving abilities to make a correct tentative diagnosis and assessment conclusions that allow selection and pursuit of accepted treatment protocols, and integrations of multiple protocols and modalities in single and multiple patient situations. Examples:
  - Formulate correct decisions based on classic atypical clinical presentation\ histories.
  - Integrate correct treatment protocol and\or multiple protocols based upon variable clinical presentation.
  - Formulate an acceptable plan to provide patient care in typical and atypical case presentations utilizing basic life support skills and training to implement solutions to problems.
  - Utilize standard accepted equipment in typical and atypical but effective clinical applications for safe patient care and movement.
- **3) INTERPERSONAL** The student must have interpersonal abilities sufficient to interact with individuals, families, groups, public safety personnel and other health care providers from a variety of social, emotional, cultural, and intellectual backgrounds.

#### Example:

- Establish and maintain supportive relationships with patients, family members, bystanders, public safety, media, political officials and other health care providers under stressful and non-stressful situations.
- **4) COMMUNICATION** The student must have communication abilities sufficient for interaction with others in verbal and written form. This includes the ability to read, write, and understand the English language. Communication via face-to-face interaction and/or standard radio and telephone links as an integral requirement. Examples:
  - Ask questions of current and past medical history of the patient or bystanders that are able to provide patient information.
  - Receive and interpret information from patient(s) or bystanders regarding history, complaints, and response to treatments.
  - Receive and interpret verbal orders from physicians via face-to-face interaction, standard radio or telephone links.
  - Clarifies order(s) from a physician via standard radio and telephone links.
  - Give verbal report to physicians and/or other health care personnel regarding patient(s) condition under varying circumstances (environmental and patient severity).
  - Request orders via standard radio or telephone links.
  - Provide accurate and legible written report of patient(s) in timely fashion.
  - Provide accurate records of daily activities, runs, and skills.
  - Provide accurate written incident documentation.



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- Provide written or verbal deposition as required by law enforcement for crime scene investigation.
- The ability to read and understand written orders, advanced directives, instructions, protocols, prescriptions, and other pertinent patient information or data.
- **5) MOBILITY** The student must have physical abilities sufficient to lift, balance, and carry, patients in excess of 125 lbs (250 lbs with the assistance of another person) from initial location to ambulance including negotiating stairs, hazardous terrain, and/or uneven terrain. Safely operate heavy manual/power equipment and drive large vehicles, under extreme environmental conditions. Examples:
  - Enter/exit ambulance without assistance.
  - Perform physical activities involved with EMS delivery for up to 24 continuous hours without a break.
  - Negotiate hazardous scenes in all environmental extremes including but not limited to light/dark, heat/cold, wet/dry /frozen scenes.
  - Must be able to don appropriate personal protective devices (PPDs) without assistance. Examples include but are not limited to gloves, masks, respirators, eyewear, and gowns.
- **6) MOTOR SKILLS** The student must have the physical ability to perform gross and fine motor skills required in the normal duties of EMS. This includes but is not limited to CPR, bandaging, splinting, childbirth, extrication, oxygen and pharmacological administration, defibrillation, equipment relocation, and patient handling. Examples:
  - Perform physical tasks requiring prolonged physical exertion including but not limited to CPR, walking
    for long periods of time while carrying equipment and/or patients, vehicle extrication, extrication of a
    victim from the confines of a structure (residence, business, industry, or mobile dwelling).
  - Perform physical tasks requiring detailed activity.
  - Perform physical tasks requiring walking, crawling, stooping, bending, kneeling, or working prone or supine including but not limited to patient transfer, movement, and extrication.
- **7) SELF-CARE** The student must have the ability to present professional appearance and implement measures to maintain their own health.

#### Examples:

- Implement universal precaution and other appropriate means of body substance isolation.
- Wear and function in personal protective clothing.
- Participate in stress management activities.
- **8) HEARING** The student must have the auditory ability sufficient to assess and monitor patient's health needs, to determine personal danger at emergency scenes, hear requests for aid, and hear verbal orders and instructions from members of the medical care team.

#### Examples:

- Assess breath sounds (qualitative and quantitative)
- Assess blood pressure by auscultation
- Assess sounds associated with upper airway obstruction
- Hear physician orders via standard radio or telephone links
- Hear dangers/warnings associated with hazardous scenes
- Hear audible signals during rescue operation
- Hear voices under protective equipment
- Hear Dispatchers communication via standard radio and telephone links
- Hear preceptor's instructions and directions
- Hear warning devices on other vehicles that may be encountered during the operation of an emergency vehicle. Examples include but are not limited to approaching sirens, backup alarms, and horns.
- 9) VISUAL The student must have visual ability sufficient for assessment, observation, and implementation of patient care, for determination of scene hazards that potentially affect the well-being of self, patient, coworkers, and for driving an emergency vehicle.
- Examples:
  - Read and understand orders and/or instructions



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- Observe and identify patient signs including but not limiting to paleness (white), cyanosis (blue), erythema (redness), jaundice (yellow), ecchymosis (bruising), swelling, burns, blisters, deformity, hemorrhage, fluid and blood loss, pupillary response, reflexes, hives, and pitting edema.
- Observe patient responses to treatment.
- Read labels on medication
- Investigate scenes to determine cause and severity of injury/illness
- Prepare documentation
- Perform patient care techniques that require fine visual skills including but not limited to suctioning, pharmacological administration of patient's medications, bandaging, and splinting.
- Perform patient care techniques that require visual skills necessary to prevent injury to other parties including but not limited to; defibrillation, patient handling, extrication, and rescue coordination.
- Perceive depth such as hives and pitting edema.
- **10) SMELL** The student must have olfactory senses sufficient for maintaining environmental, patient, and personal/coworker safety.

### Examples:

- Determine smells contributory to patient assessment such as fruity odors, alcohol smell, and acetone.
- Determine smells contributory to self-preservation and safety of patients and coworkers including but not limited to smoke, burning materials, gasoline and noxious fumes.
- **11) TACTILE** The student must have tactile ability sufficient to assess physical health and perform activities requiring dexterity combined with tactile ability. Examples:
  - Palpate pulses (quantitative and qualitative)
  - Palpate blood pressure
  - Palpate crepitus
  - Palpate subcutaneous emphysema
  - Palpate rigidity/guarding of abdomen
  - Palpate edema
  - Palpate anatomical structures to determine normalcy/abnormality
  - Palpate masses
  - Assess skin temperature and diaphoresis (presence/absence)
  - Determine presence of fluid on patients in dark environments
  - Safely handle sharps such as needles and lancets.
  - Open medication containers such as prescription bottles and ampules.
- **12) TEMPERAMENT** The student must be able to deal effectively with stress produced by work and interaction situations. ("Deals with" or "Deals effectively with" is defined as maintaining ability to perform basic requirements of the job in an effective and professional manner at the time of the incident with the realization that counseling or debriefing may be required as soon as possible for the EMT-B). Examples:
  - Deals with emotional situation that affect EMT-B directly.
  - Deals with emotional situation that affect patients, their families, their friends, their coworker, bystanders, public, public safety personnel, other health care workers.