



### JCEMS EMT Training Entrance Criteria

A prospective student shall make a written application to be considered for acceptance to the program with the addition of a Letter of Recommendation and a copy of a BLS card which will be valid for eight months beyond this application date.

An entrance exam will be provided and an in-person interview will be conducted after which the prospective student will be notified of acceptance into the program. This may be completed through correspondence by, but not limited to, telephone, email, or postal service. A prospective student must meet the following:

#### **1200-12-01-.04 EMERGENCY MEDICAL TECHNICIAN (EMT).**

All persons desiring licensure as an Emergency Medical Technician pursuant to T.C.A. Title 68, Chapter 140 must comply with the following requirements and standards 1200-12-1-.04:

- (1). Emergency Medical Technician Licensure Requirements
  - a. Must be at least eighteen (18) years of age.
  - b. Be able to read, write, and speak the English language.
  - c. Must possess an academic high school diploma or a general equivalency diploma (G.E.D).
  - d. Must have no history within the past three years of habitual intoxication or personal misuse of any drugs or the use of intoxicating liquors, narcotics, controlled substances, or other drugs or stimulants in such manner as to adversely affect the person's ability to practice as an emergency medical technician.
  - e. Must present evidence to the Division of Emergency Medical Services of a medical examination certifying physical health sufficient to conduct activities associated with patient care, including, but not limited to, visual acuity, speech and hearing, use of all extremities, absence of musculoskeletal deformities, absence of communicable diseases, and suitable emotional fitness to provide for the care and lifting of the ill or injured. Also, include documentation of immunizations. This information shall be provided on a form approved by the Board and shall be consistent with the provisions of the Americans with Disabilities Act and the requirements of National Registry of Emergency Medical Technicians.

**Please attach a copy of your immunization record to this application.**

The following core performance standards are adopted and these standards should be used to assist the student in determining whether accommodations or modifications are necessary. The standards are:

1. Critical thinking ability sufficient for clinical judgment.
2. Interpersonal abilities sufficient to effectively interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.
3. Communication abilities sufficient for interaction with others in verbal and written form.
4. Physical abilities sufficient to move from area or environment to another and maneuver in small spaces.
5. Gross and fine motor abilities sufficient to provide safe and effective prehospital care.
6. Auditory abilities sufficient to monitor and assess health needs.
7. Visual ability sufficient for observation and assessment necessary in prehospital care.
8. Tactile ability sufficient for physical assessment.

If a student believes that one or more of the standards cannot be met without accommodation or modification, the Emergency Service Program will determine whether or not accommodations or modification can be reasonably made. A student should contact the JC EMS TC faculty for further assistance. Also, please complete the following Course application with the requested letter of recommendation, a copy of your immunization record and a copy of a current BLS card as described above.



### EMT Course Application

Please Print or Type All Information

FULL LEGAL NAME \_\_\_\_\_

DATE OF BIRTH \_\_\_\_\_ SSN: \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_

TELEPHONE: (HOME) \_\_\_\_\_ (Cell) \_\_\_\_\_ (OTHER) \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

(an email address and having an internet connection is necessary for this class)

Please check the following questions that apply to you, choosing the best answers that describes your current circumstances.

\_\_\_ I possess an academic or equivalent high school diploma or general education equivalent (GED)  
**(attach a copy to application)**

\_\_\_ I have been convicted of a crime or I am serving probation for crime that I have been convicted.

\_\_\_ I am a Tennessee certified EMR

\_\_\_ I do not hold any EMT certifications

\_\_\_ I am EMS certified in a state other than Tennessee. Level of certification \_\_\_\_\_ State \_\_\_\_\_

\_\_\_ I hold another healthcare professional license: \_\_\_\_\_

\_\_\_ I am a volunteer Fire Fighter for \_\_\_\_\_

\_\_\_ I have not been dismissed from another EMS training program.

\_\_\_ I have a current BLS/CPR certification card which is current for at least eight months **(attach a copy)**

### Emergency Contact Information

Name: \_\_\_\_\_ Relationship: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Street Address: \_\_\_\_\_

Work Phone: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Completion of this form and minimum course requirements does not constitute admission to the course. Applicants will be notified by letter or other forms of communication when they are accepted into the course. **"I certify that the information provided on this application is complete and accurate in every respect. I understand that falsifying any of this application will result in cancellation of admission." Note: Students shall be subject to Dismissal from the JCEMS TC education program for cause.**

Signature of Applicant (Do Not Print): \_\_\_\_\_ Date \_\_\_\_\_

Training Center Station 3  
1104 Champion LN  
White Pine, TN 37890



JEFFERSON COUNTY EMS  
TRAINING CENTER  
Phone 865-471-9001

Main Station 1  
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Estimated Fees for student	Total
Class fee	\$375 (Payable at start of class for textbook, clinical shirts and liability insurance)
TDH-EMS Enrollment Fee	\$175 (Payable at start of class)
TN Application/License Fee	\$125 (paid at the end of class)
NREMT Application Fee	\$80 (paid at the end of class)



TENNESSEE DEPARTMENT OF HEALTH  
DIVISION OF HEALTH LICENSURE AND REGULATION  
**OFFICE OF EMERGENCY MEDICAL SERVICES**  
665 MAINSTREAM DRIVE  
NASHVILLE, TN 37243

**MEDICAL STATEMENT**  
**For Emergency Medical Services Professional License**

The Office of Emergency Medical Services is the state agency responsible for the licensing of emergency medical services personnel. The mission of the agency is to oversee the delivery of pre-hospital emergency care and to safeguard the public from inappropriate or incompetent medical care in the pre-hospital environment. When issuing a license, it is understood that the individual can meet the demands, duties, and responsibilities listed below and examiner performing the evaluation is a licensed physician, nurse practitioner or physician assistant.

**GENERAL DUTY REQUIREMENTS:**

The general environmental conditions in which emergency medical service personnel work includes a variety of hot and cold temperatures and, at times, they may be exposed to hazardous fumes. They may be required to walk, climb, crawl, bend, pull, push, or lift and balance over less than ideal terrain. They can also be exposed to a variety of noise levels, which can be quite high, particularly when sirens are sounding. The individual must be able to function effectively in uncontrolled environments with high levels of ambient noise. Aptitudes required for work of this nature are good physical stamina, endurance, and body condition which would not be adversely affected by having times to lift, move, carry and balance while moving in excess of 125 pounds (250 pounds 2 person lift). Motor Coordination is dexterity to bandage, splint and move patients, including properly applying invasive airways and administering injections.

Driving in a safe manner, accurately discerning street names, map reading, and the ability to correctly distinguish house numbers or business locations are essential tasks. Use of the telephone or radio for transmitting and responding to physician's advice is also essential. The ability to concisely and accurately describe orally to health professionals the patient's condition is critical. The provider must also be able to accurately summarize all data in the form of a written report.

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TYPE / PRINT APPLICANTS NAME

**HAS BEEN EXAMINED AND DEMONSTRATES SUFFICIENT HEALTH TO PERFORM THE ESSENTIAL FUNCTIONS IN THE PRE-HOSPITAL ENVIRONMENT AS DESCRIBED IN THE GENERAL DUTY REQUIREMENTS ABOVE INCLUDING VISUAL ACUITY, SPEECH, HEARING, AND THE USE OF EXTREMITIES.**

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PRINT PROVIDER NAME

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PROVIDER'S LICENSE NUMBER

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STATE

---

PROVIDER'S SIGNATURE

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DATE

**AUTHORIZATION FOR RELEASE OF INFORMATION:**

I AUTHORIZE THE RELEASE OF ANY MEDICAL INFORMATION BY THE EXAMINER NECESSARY FOR QUALIFICATION TO MY EMPLOYER FOR DETERMINATION OF MY ELIGIBILITY BY THE DIVISION OF EMERGENCY MEDICAL SERVICES.

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SIGNATURE OF APPLICANT

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SOCIAL SECURITY NUMBER

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DATE

"Under HIPPA, the health information you furnish on this document is protected from public inspection, absent a subpoena or for purposes of health oversight activities."

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## EMT Curriculum Disclosure

### Description:

This course is based on National Highway Traffic Safety Administration Office of EMS Emergency Medical Technician Instructional Guidelines.

### Goals:

- EMT Students must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health for critical, emergent and non-emergent patients who access the emergency medical system.
- To prepare competent entry-level Emergency Medical Technicians (EMT) in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains, with the ability, upon completion, to transition to an Advanced EMS education program.
- To prepare an entry-level EMT to function as part of a comprehensive EMS response, under medical direction.

### Competencies:

Students will demonstrate positive personal qualities and appropriate people skills, professional knowledge, technology knowledge and skills for providing basic life support by focusing on the areas of emergency medical services (EMS) operations, medical emergencies, and management of special patient populations, to explore and apply the fundamentals of emergency medical services, anatomy, physiology, and medical terminology while demonstrating skills in assessing and managing patient care, including assessing the scene and understanding shock, resuscitation, develop a patient care plan in providing appropriate care for medical and trauma patients.

### Objectives:

- Describe the roles of EMS in the health care system.
- Demonstrate the professional attributes expected of EMTs.
- Perform the roles and responsibilities of an EMT with regard to personal safety and wellness, as well as the safety of others.
- Perform the duties of an EMT with regard for medical-legal and ethical issues, including functioning under medical direction and within the scope of practice.
- Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.

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- Identify the need for and perform immediately life-saving interventions to manage a patient's airway, breathing, and circulation.
- Perform a thorough patient assessment for signs and symptoms of illnesses and injuries.
- Assess and manage patients of all ages with a variety of complaints, medical conditions and traumatic injuries.
- Safely handle and prepare the patient for transportation.
- Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.
- Applies fundamental knowledge of the EMS system, safety/well-being of the EMT, and medical/legal and ethical issues to the provision of emergency care.
- Applies fundamental knowledge of the anatomy and function of all human systems to the practice of EMS. EMT-Level
- Uses foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals.
- Applies fundamental knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.
- Applies fundamental knowledge of life span development to patient assessment and management.
- Uses simple knowledge of the principles of illness and injury prevention in emergency care.
- Applies fundamental knowledge of the medications that the EMT may assist/administer to a patient during an emergency.
- Applies knowledge (fundamental depth, foundational breadth) of anatomy and physiology to patient assessment and management in order to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
- Applies scene information and patient assessment findings in scene size-up, primary and secondary assessment, patient history, reassessment to guide emergency management.
- Applies fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely ill patient.
- Applies a fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure or arrest, cardiac failure or arrest, and post-resuscitation management.
- Applies fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely injured patient.
- Applies a fundamental knowledge of growth, development, aging and assessment findings to provide basic emergency care and transportation for a patient with special needs.

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- Knowledge of operational roles and responsibilities to ensure patient, public, and personnel safety.

*Cognitive Objectives:*

- Upon successful completion of this program, the student will demonstrate a working knowledge of clinical information and related topics, relevant to the practice of pre-hospital emergency medical care.
- The student will describe the essential elements for the safe and efficient response to the scene of a medical emergency.
- The student will apply fundamental knowledge of the EMS system, safety and well-being of the EMT, and medical, legal, and ethical issues to the provision of emergency care.

*Psychomotor Objectives:*

- Upon successful completion of the program, the student will demonstrate an ability to competently and proficiently perform all EMT level skills.
- The student will demonstrate how to safely handle and prepare the patient for transportation.
- Student will provide prompt and efficient basic emergency care to the sick and injured.
- The student will perform a thorough EMS patient assessment for signs and symptoms of illnesses and injuries.

*Affective Objectives:*

- Upon successful completion of this program, the student will demonstrate attitudes and behaviors consistent with the ethics and professionalism expected of Emergency Medical Technicians.
- The student will describe the essential elements of safe and orderly transportation of the patient to the hospital and the transfer of patient care to the appropriate hospital staff.

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#### Medical Knowledge:

Students will demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care as an Emergency Medical Technician.

#### Practice- Based Learning and Improvement:

Students will demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate systematic evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning. Be an advocate for quality patient care and optimal patient care systems, to work in interprofessional teams to enhance patient safety and improve patient care quality.

#### Professionalism:

Students must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.

Students must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates, communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds, with physicians, other health professionals, and health related agencies.

#### Teaching Methods:

The EMT training will be accomplished by online and in-seat didactic education with laboratory, clinical and field training at the Jefferson County EMS Service and the Training Center.

#### Instruction

The instruction will include but is not limited to outside reading, lecture, student led discussion, short written assignments, and class participation. Student evaluation will include examinations, quizzes, homework assignments and class participation. Students are expected to read assignments and to come to class prepared to discuss and or take an evaluation on the assigned material.



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### Evaluation

The students will have several progressive written formative assessments ending with a summative cognitive assessment concluding the course. Also, the students will be given several skill-performance evaluations concluding with a psychomotor exam clearing the student to take NREMT Exam.

### REQUIRED TEXTBOOK:

Emergency Care and Transportation of the Sick and Injured 11e  
ISBN 978-1-284-08017-9



Jefferson County EMS  
EMT Course Syllabus

Instructor: Charlie Williams

Instructor Office Hours: Monday & Wednesday 1400 - 1700

Course meeting days and times: Monday & Wednesday 1700 - 2200

Course Location: 1104 Champion Ln., White Pine, TN.

Course Description: This course curriculum meets or exceeds DOT National Educational Standards for EMT and prepares the EMT student to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMTs, anatomy and physiology, medical emergencies, trauma, special considerations for working in the prehospital setting, and providing patient transportation.

Course Objectives:

At the completion of this program the student should be able to:

- Describe the roles of EMS in the health care system.
- Demonstrate the professional attributes expected of EMTs.
- Perform the roles and responsibilities of an EMT with regard to personal safety and wellness, as well as the safety of others.
- Perform the duties of an EMT with regard for medical-legal and ethical issues, including functioning under medical direction and within the scope of practice.
- Apply principles of anatomy, physiology, pathophysiology, life-span development, and therapeutic communications to the assessment and management of patients.
- Identify the need for and perform immediately life-saving interventions to manage a patient's airway, breathing, and circulation.
- Assess and manage patients of all ages with a variety of complaints, medical conditions and traumatic injuries.
- Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

Course Completion Requirements:

Successful completion of this course requires adherence to course policies, maintaining a course average of 70 %, a minimum score of 70% on the course final examination, and successfully demonstrating all required skills. Failure of Final EMT practical and/or retest constitutes a failure of the course.



Jefferson County EMS  
EMT Course Syllabus

Academic Dishonesty:

Academic dishonesty in any form will not be tolerated and is grounds for immediate dismissal from the program and other administrative action by the Program. Examples include, but are not limited to: · Cheating in any form · Falsification or forgery of academic documents, applications, clinical evaluations, lab evaluations, etc. · Plagiarism (including copying and pasting of electronic text into assigned work making it appear that work is yours without giving proper citation).

Americans with Disabilities Act:

Jefferson County EMS Training Center is committed to providing a discrimination-free environment for all students. It is the responsibility of the student to arrange for any special accommodations prior to needing said accommodations and the responsibility of the student to make the faculty aware of any special needs or accommodations. Students must be able to read, write and speak the English language. Present evidence of a medical examination certifying physical health sufficient to conduct activities associated with patient care, including, but not limited to, visual acuity, speech and hearing, use of all extremities, absence of musculoskeletal deformities, absence of communicable diseases, and suitable emotional fitness to provide for the care and lifting of the ill or injured patients as a bona fide occupational qualification.

LESSON	TOPIC	Chapter Reading Assignments
1	Introduction to Emergency Medical Care, Research Workforce Safety and Wellness	1, 2
2	Medio-legal Considerations, Professional Ethics	3
3	EXAM 1. Documentation (run reports), Communication, Medical Terminology	4, 5
4	Anatomy and Physiology	6
5	Exam 2. Life Span Development and Geriatrics	7, 35
6	Ambulance Operations and Air Medical Response,	37
7	Exam 3. Gaining Access and Patient Extrication, Hazardous Materials (Ch 39 pgs. 1425-1445)	38, 39
8	Lifting and Moving Patients	8
9	Exam 4. Scene Size Up, Primary Assessment, General Impression, LOC	9
10	History Taking, Secondary Assessment, Baseline Vital Signs, Monitoring Devices	9
11	Exam 5. Reassessment (On-going Assessment)	9



Jefferson County EMS  
EMT Course Syllabus

LESSON	TOPIC	Chapter Reading Assignments
12	Airway Management, Artificial Ventilation, Oxygenation, and Oxygen tank assembly, BLS	10, 13
13	Exam 6. Pharmacology and Medication Administration	11
14	Respiratory Emergencies	11, 15
15	Exam 7. Cardiovascular Emergencies	16
16	Altered Mental Status, Stroke, Seizures, Syncope, Acute Diabetic Emergencies, and Anaphylactic Reactions	17,19, 20
17	EXAM 8. Toxicologic Emergencies, Environmental Emergencies, Submersion Incidents: Drowning/Diving Emergencies,	21, 32
18	Behavioral Emergencies and Special Patient Populations	22, 36
19	Exam 9. Trauma: Bleeding and Soft-Tissue Trauma, Burns	24, 25, 26
20	Trauma, Bleeding and Soft-Tissue Trauma Dressing and Bandaging	30, 31
21	EXAM 10. Musculoskeletal Trauma, Splinting, Head Trauma, Spinal Column and Spinal Cord Trauma, and Helmet removal	27, 28,
22	Eye, Face, and Neck Trauma, Chest Trauma	27, 28, 29
23	EXAM 11. Gastrointestinal and Urologic Renal Emergencies Gynecologic Emergencies	18, 23
24	Obstetrics and Gynecology, Infants, Children Patients with Special Challenges	33, 36
25	Exam 12. Pediatric Emergencies	34
26	Triage and Disaster Management, EMS Response to Terrorism	39, 40
27	Exam 13. Team approach to Healthcare	41
28	EMT FINAL WRITTEN EXAM	
29	EMT PRACTICAL FINAL	
30	RETEST PRACTICAL	

THIS COURSE SCHEDULE MAY BE MODIFIED WHEN NECESSARY



Jefferson County EMS  
EMT Course Syllabus

**GRADING SCALE**

- 91-100 = Excellent
- 80-90 = Above Average
- 70-79 = Average
- BELOW 70 = Failing

Regular class attendance is a student's obligation for any course regardless of format. Excessive absences (3) and/or tardiness (4) will result in the loss of eligibility to sit for the State of Tennessee Licensure Exam.

**GRADE CALCULATION**

Quizzes	15%
Attendance/ Participation	10%
Exams	50%
Final Exam	25%

To calculate a student grade:

Criteria			Total
A. Quizzes	(average) _____	X .15 =	A% of Final Grade (15%)
B. Attendance/Participation	(average) _____	X .10 =	B% of Final Grade (10%)
C. Exams	(average) _____	X .50 =	C% of Final Grade (50%)
D. Final Exam	(score) _____	X .25 =	D% of Final Grade (25%)
Final Grade		Total	Total % of Final Grade