



Advanced Emergency Medical Technician Class Syllabus

Spring 2023 / Fall 2023

Course Information

Instructor

Matthew Morrow

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Location

Letts Community Fire Department

4474 W CR 700 S, Greensburg

812.591.0188

Course Description

The AEMT is a health professional whose primary focus is to respond to, assess and triage nonurgent, urgent, and emergent requests for medical care, apply basic and focused advanced knowledge and skills necessary to provide patient care and/or medical transportation, and facilitate access to a higher level of care when the needs of the patient exceed the capability level of the AEMT. The additional preparation beyond EMT prepares an AEMT to improve patient care in common emergency conditions for which reasonably safe, targeted, and evidence-based interventions exist. Interventions within the AEMT scope of practice may carry more risk if not performed properly than interventions authorized for the EMR/EMT levels. With proper supervision, AEMTs may serve as a patient care team member in a hospital or health care setting to the full extent of their education, certification, licensure, and credentialing. In a community setting an AEMT might visit patients at home and make observations that are reported to a higher level authority to help manage a patient's care.

Course Objectives

At the completion of this course you should be able to:

1. Describe the roles of EMS in the healthcare system.
2. Perform the roles and responsibilities of an AEMT with regard to personal safety and wellness, as well as the safety of others.
3. Perform the duties of an AEMT with regard for medical-legal and ethical issues.
4. Apply principles of anatomy, physiology, pathophysiology, lifespan development, and therapeutic communications to the assessment and management of patients.
5. Identify the need for and perform immediate lifesaving interventions to manage a patient's airway, breathing, and circulation.
6. Perform focused advanced skills and pharmacological interventions that are engineered to mitigate specific life-threatening conditions, medical, and psychological conditions with a targeted set of skills beyond the level of an EMT
7. Assess and manage patients of all ages with a variety of complaints, medical conditions, and traumatic injuries.
8. 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 Dates 5/28/23 - 9/24/23

Tuesday/Thursday: 6 pm - 10 pm (Virtual)

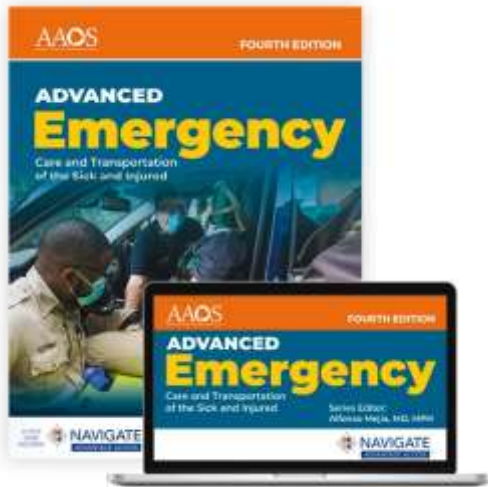
Sunday: 2 pm - 8 pm (In-person)

Course Fees (Due by First Day of Class)

\$1000 – Class Tuition (Book included)

Payable by cash or check written to “The Letts Fire Department”

Course Materials



Required Text (included in tuition)

AEMT: Advanced Emergency Care and Transportation of the Sick and Injured, 4th Edition

ISBN: 9781284228144

Attendance Policy

Students are expected to attend all in-person lectures and scheduled class and clinical times. Students will be allowed a total of (3) missed classes (virtual lecture and lab combined). Missing greater than (3) classes will result in expulsion from the course, without refund of course cost to student. Special circumstances, such as loss of a close family member, requiring the student to miss class may be forgiven on an individual student basis per the program coordinator. **If a student misses any class, he or she is responsible for any missed quizzes, examinations, and material covered in that class session.** Prompt arrival is expected at all class activities. It is the student's responsibility to sign in on the attendance roster.

Rules and Regulations

- Students must be 18 years old and already hold a valid Indiana EMT certification.
- Cell phone use is prohibited during class time unless otherwise noted by the instructor.
- Smoking is prohibited on both fire department and hospital property.
- Alcoholic beverages are prohibited on fire department and hospital property. Any students who are believed to be under the influence of alcohol or illicit drugs will be released from the program for the day and or terminated from the program without refund.
- Behavioral disturbances or other disagreements between students will be subject to a meeting with the instructors and Course Coordinator for corrective actions. If disturbances continue after corrective actions, students will be expelled from the course at the direction of the Course Coordinator without reimbursement.
- This is an adult education course - it is the responsibility of the student to ensure that all assignments are completed and submitted by the due date or they will not be accepted and the student will receive a "zero" for any late assignments.

Academic Dishonesty

Cheating will not be tolerated at any time during the course. All work must be the student's own work. Any student found violating this policy will be expelled from the course without refund. Plagiarism of materials (including copying and pasting text from an electronic source) will not be accepted. Any source material used for an assignment must be cited.

Clinical Time

- Clinical time will be completed at Letts Fire Department, M44 based at Margaret Mary Hospital, and in Margaret Mary Hospital ER.
- Required clinical skills:
 - Properly administer medications to at least 15 live patients.
 - Successfully perform all steps and access venous circulation at least 25 times on live patients of various age groups.
 - Ventilate at least 20 live patients of various age groups.
 - Demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with chest pain.
 - Demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with respiratory distress.
 - Demonstrate the ability to perform an adequate assessment and formulate and implement a treatment plan for patients with altered mental status.
 - Demonstrate the ability to perform an adequate assessment on pediatric, adult, and geriatric patients.
- Students should wear full-length khaki's or EMS tech pants, black boots or shoes, and class polo for all clinical time. Students are expected to dress and act professionally as they represent the LFD while on clinical time.

Course Grades:

Students MUST maintain an overall grade of 75% to pass this course. In order to be eligible to take the National Registry Written exam, students must pass an exit exam and score at least 80%. If a student falls below 75% remediation through tutoring sessions will be required. If a student is unable to maintain a 75% even after remediation, they will be dropped from the class. No refunds will be granted.

Quizzes	25%
Module Tests	30%
Homework	15%
Class Attendance and Participation	20%
Clinical Time and Patient Assessments	10%

90% - 100%	A
80% - 89.99%	B
70% - 79.99%	C
60% - 69.99%	D
50% - 59.99%	F

Date	Mode	Description
5/28/23	IP	Introduction EMT Skill Review Syllabus & Expectations / NREMT / Navigate
5/30/23	Self-study	Chapter 1 - EMS Systems Chapter 2 - Workforce Safety/Wellness Chapter 6 - Lifting/Moving Patients
6/01/23	Self-Study	Chapter 3 - Medical, Legal, and Ethical Chapter 4 - Documentation
6/06/23	Self-Study	Chapter 5 - Medical Terminology
6/11/23	IP	Chapter 13 - IV Access / Medication Administration
6/13/23	Virtual	Chapter 7 - The Human Body Anatomy & Physiology Review
6/18/23	IP	Quiz 1 - Chapters 1-6 Chapter 13 - IV Access / Medication Administration Practice Skills Lab
6/20/23	Virtual	Chapter 8 - Pathophysiology
6/22/23	Virtual	Chapter 9 - Lifespan Development
6/27/23	Virtual	Chapter 10 - Patient Assessment
7/02/23	IP	Chapter 11 - Airway Skills Lab Exam 1 - Chapters 1-9 Homework: Chapters 1-9 DUE
7/06/23	Virtual	Chapter 12 - Principles of Pharmacology Chapter 14 - Shock
7/09/23	IP	Quiz 2 - Chapters 10-11 Skill Lab
7/11/23	Self-Study	Chapter 15 - BLS Resuscitation Chapter 16 - Medical Overview
7/13/23	Virtual	Chapter 17 - Medical
7/16/23	IP	Chapter 18 - Cardiovascular Emergencies Skills Lab Quiz 3 - Chapters 12-15
7/18/23	Self-Study	Chapter 19 - Neurologic Emergencies
7/20/23	Self-Study	Chapter 2 - Gastrointestinal & Urologic Emergencies
7/25/23	Virtual	Chapter 21 - Endocrine & Hematologic Emergencies Chapter 22 - Immunologic Emergencies
7/27/23	Virtual	Chapter 23 - Toxicology
8/01/23	Virtual	Chapter 24 - Psychiatric Emergencies
8/03/23	Virtual	Chapter 25 - Gynecologic Emergencies
8/06/23	IP	Quiz 4 - Chapters 16-25 Skills Lab

8/10/23	Virtual	Chapter 26 - Trauma Overview
		Exam 2 - Chapters 10-25 Skills Lab
8/13/23	IP	Homework: Chapters 10-25 DUE
8/15/23	Virtual	Chapter 27 - Bleeding Chapter 28 - Soft-Tissue Injuries
8/17/23	Virtual	Chapter 29 - Face and Neck Injuries
8/22/23	Virtual	Chapter 30 - Head and Spine Injuries
8/24/23	Virtual	Chapter 31 - Chest Injuries
8/29/23	Virtual	Chapter 32 - Abdominal and Genitourinary Injuries
8/31/23	Virtual	Chapter 33 - Orthopaedic Injuries
9/05/23	Virtual	Chapter 34 - Environmental Emergencies
		Chapter 35 - Obstetrics and Neonatal Care Chapter 36 - Pediatric Emergencies
9/07/23	Virtual	
		OB / Pediatric Sim Lab Quiz 5 - Chapters 26-34
9/10/23	IP	Homework: Chapters 26-34 DUE
9/12/23	Self-Study	Chapter 37 - Geriatric Emergencies
		Chapter 38 - Patients with Special Challenges Chapter 39 - Transport Operations
9/14/23	Virtual	
		Chapter 40 - Vehicle Extrication, Special Rescue, and Hazardous Materials Quiz 6 - Chapters 35-38
9/17/23	IP	
		Chapter 41 - Incident Management Chapter 42 - Terrorism Response and Disaster Management
9/19/23	Self-Study	
		Cumulative Review / National Registry Review
9/21/23	Virtual	Homework: Chapters 35-42 DUE
		EXIT EXAM FINAL SKILLS REVIEW
9/24/23	IP	ALL CLINICAL DOCUMENTATION IS DUE
10/01/23	IP	Indiana Psychomotor Exam - Date and Location TBA