



Advanced Emergency Medical Technician (AEMT) Course Syllabus

Instructor Contact Info: SparksMedResources@gmail.com

Course Meeting Days and Times:

Course Locations:

Main Classroom: Acorn to Oak Pediatrics, 1025 Hwy 80, Haughton, LA 71037

Course Description:

The Advanced Emergency Medical Technician (AEMT) course is designed to teach limited advanced emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This course shall ensure the EMT is proficient in skills in accordance with EMS National EMS Education Standards and the National EMS Scope of Practice model. The AEMS course shall follow best practice guidelines endorsed by the Committee on Accreditation of Educational Programs for the EMS Professions (CoAEMSP). Each student shall have a portfolio of competence maintained for the duration of this course. The student is required to complete 120 hours of prehospital clinicals.

Teaching-Learning Methods:

Teaching-learning methods in this course may include, but are not limited to, assigned readings, presentations, discussion, critical thinking exercises, labs, and class activities. Evaluation procedures include quizzes, written examinations, and assignments. Classes may be in-person, live on-line, or pre-recorded. Pre-recorded distance learning will require additional quizzes to obtain lecture credit. Students will be required to register an account with webex.com.

It is highly encouraged that each student obtains the printed textbook; however, an electronic version is acceptable. A printed workbook **is required** for the duration of this course. Supplemental information to assist in your learning will be provided as needed. Online platforms such as Google Classroom may be utilized for group discussions and quizzes.

FEMA Course Prerequisites <https://cdp.dhs.gov/sso/login>

ICS 100: Introduction to Incident Command System

ICS 700: NIMS, An Introduction



Course Textbook:

AEMT: Advanced Emergency Care and Transportation of the Sick and Injured Essentials Package 4th Edition. ISBN-13: 978-1284228137

AEMT: Advanced Emergency Care and Transportation of the Sick and Injured Student Workbook 4th Edition. ISBN-13: 978-1284228151

Course Objectives:

At the completion of this program, the student shall be able to:

1. Apply fundamental knowledge of the EMS system, safety/well-being of the AEMT, medical/legal, and ethical issues to the provision of emergency care.
2. Integrate complex knowledge of the anatomy and physiology of the airway, respiratory, and circulatory systems to the practice of EMS.
3. Use foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals.
4. Apply comprehensive knowledge of the pathophysiology of respiration and perfusion to patient assessment and management.
5. Applies fundamental knowledge of life span development to patient assessment and management.
6. Use knowledge of EMS principles during public health emergencies.
7. Apply fundamental knowledge of the medications carried by AEMTs that may be administered to a patient during an emergency.
8. Apply knowledge of upper airway anatomy and physiology to patient assessment and management to assure a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
9. Apply scene information and patient assessment findings (scene size-up, primary assessment, secondary assessment, patient history, patient reassessment) to guide emergency management.
10. Apply knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely ill patient.
11. Apply knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for a patient in shock, respiratory failure/arrest, cardiac failure/arrest, and post resuscitation management.



12. Apply knowledge to provide advanced emergency care and transportation based on assessment findings for an acutely injured patient.
13. Apply knowledge of growth, development, aging, and assessment findings to provide advanced emergency care and transportation for a patient with special needs.
14. Apply knowledge of operational roles and responsibilities to ensure patient, public, and personnel safety when responding to an emergency

Course Completion Requirements:

Successful completion of this course requires adherence to all course policies. The student shall maintain a minimum course average of **75%** and successfully demonstrate all required skills. All course requirements must be completed to be eligible to take the NREMT AEMT psychomotor examination administered by the LA BEMS. Successful completion of the psychomotor exam is required to sit for the NREMT AEMT cognitive (knowledge) exam.

Course Attendance Policy:

Student attendance is required at all scheduled classes, including lab sessions. Students may be dropped from the course for excessive absences of any kind (there is no tuition refund). Students must be present in class 90% of the scheduled class hours. Excused absences may be granted at the discretion of the course instructor for extenuating circumstances.

If a student misses any class, he/she is responsible for any missed quizzes, examinations, and material covered in that class session. Credit for missed classes may include distributive learning or prerecorded sessions with quizzes. Prompt arrival is expected at all class activities. It is the student's responsibility to sign the attendance roster.

Quizzes, Exams, Assignments:

Quizzes and exams may be classroom, take-home or online. A failed quiz may be attempted twice before receiving a permanent grade. The mid-course and final exams must be completed in 2 hours, and one shall have only one attempt. Mid-course and final exams are 100 questions. Additional quizzes or exams may be given at the instructor's discretion. There will be opportunities for bonus work and extra credit.



Code of Conduct:

Students are expected to conduct themselves in accordance with professional expectations at all times. Students are reminded that they are representatives of the course instructor(s) whenever they are involved in course-related activities. Use of alcohol or illicit substances during course activities is grounds for dismissal from the program. In consideration of sanitation, distraction or offensiveness to other students and faculty, students are expected to wear appropriate clothing. Clothing during classroom activities may be casual; however, an SMR-approved uniform is required during clinical activities. Professional conduct is essential to a successful educational experience and public safety career.

Academic Dishonesty:

Academic dishonesty in any form will not be tolerated and is grounds for immediate dismissal from 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 on written assignments.
- Theft of program or clinical site equipment.

Course Grade Components:

Quizzes	38	x	20 points
Assignments	38	x	10 points
Mid-Course Exam			50 points
Final Exam			100 points
Clinical Evals (10)			PASS or FAIL
Total:			1290 points

75% min score: **968 points**

Despite a final score, a 75% AEMT is the same as a 100% AEMT. You get out of this course what you put into it. We encourage the student to concentrate on mastering the subject matter, rather than aiming for the lowest pass threshold.

This syllabus is subject to revision as required to meet the needs of the class. All students are expected to read and follow the guidelines in this document. Any student not understanding the requirements is expected to ask the instructor for clarification.



Course Schedule

Date	Chapter	Assignment, Quizzes, Tests
Week 1	Course Intro / Policies / Procedures / BLS	AHA BLS Exam
Week 2	Chapter 5: Medical Terminology Chapter 6: Lifting & Moving Patients Chapter 7: The Human Body	Chapter 5 Quiz & Assignment Chapter 6 Quiz & Assignment Chapter 7 Quiz & Assignment
Week 3	Chapter 8: Pathophysiology Chapter 9: Life Span Development Chapter 10: Patient Assessment Chapter 11: Airway Management	
Week 4	Chapter 12: Principles of Pharmacology Chapter 13: Vascular Access & Med Admin Chapter 3: Medical, Legal, & Ethical Issues Chapter 4: Communications & Documentation	Chapter 12 Quiz & Assignment Chapter 13 Quiz & Assignment Chapter 3 Quiz & Assignment Chapter 4 Quiz & Assignment
Week 5	Chapter 14: Shock Chapter 15: BLS Resuscitation Chapter 16: Medical Overview Chapter 17: Respiratory Emergencies	Chapter 14 Quiz & Assignment Chapter 15 Quiz & Assignment Chapter 16 Quiz & Assignment Chapter 17 Quiz & Assignment
Week 6	Chapter 18: Cardiovascular Emergencies Chapter 19: Neurologic Emergencies Chapter 20: GI & Urologic Emergencies Chapter 21: Endocrine & Hematologic Emergencies	Chapter 18 Quiz & Assignment Chapter 19 Quiz & Assignment Chapter 20 Quiz & Assignment Chapter 21 Quiz & Assignment
Week 7	Chapter 22: Immunologic Emergencies Chapter 23: Toxicology Chapter 24: Psychiatric Emergencies Chapter 25: Gynecologic Emergencies	Chapter 22 Quiz & Assignment Chapter 23 Quiz & Assignment Chapter 25 Quiz & Assignment Chapter 25 Quiz & Assignment MIDTERM EXAM
Week 8	Chapter 26: Trauma Overview Chapter 27: Bleeding (STB Course) Chapter 28: Soft-Tissue Injuries Chapter 29: Face and Neck Injuries Chapter 30: Head and Spine Injuries	Chapter 26 Quiz & Assignment Chapter 27 Quiz & Assignment Chapter 28 Quiz & Assignment Chapter 29 Quiz & Assignment Chapter 30 Quiz & Assignment



Date	Chapter	Assignment, Quizzes, Tests
Week 9	Chapter 31: Chest Injuries Chapter 32: Abdominal & Genitourinary Injuries Chapter 33: Orthopedic Injuries Chapter 40: Vehicle Extrication, Special Rescue & Hazardous Materials	Chapter 31 Quiz & Assignment Chapter 32 Quiz & Assignment Chapter 33 Quiz & Assignment Chapter 40 Quiz & Assignment
Week 10	Chapter 34: Environmental Emergencies SKILLS Practice Chapter 35: Obstetrics and Neonatal Care	Chapter 34 Quiz & Assignment Chapter 35 Quiz & Assignment
Week 11	Chapter 36: Pediatric Emergencies Chapter 37: Geriatric Emergencies SKILLS Practice	Chapter 36 Quiz & Assignment Chapter 37 Quiz & Assignment
Week 13	Chapter 38: Patients with Special Challenges Chapter 39: Transport Operations Chapter 41: Incident Management Chapter 42: Terrorism Response & Disaster Management	Chapter 38 Quiz & Assignment Chapter 39 Quiz & Assignment Chapter 41 Quiz & Assignment Chapter 42 Quiz & Assignment
Week 14	Chapter 1: EMS Systems Chapter 2: Workforce Safety and Wellness	Chapter 1 Quiz & Assignment Chapter 2 Quiz & Assignment FINAL EXAM