



Beatty Volunteer Ambulance  
Service/Nye County Dept of  
Emergency Management  
EMS Division  
P.O. Box 875  
Beatty, NV 89003



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**BEATTY**  
**ADVANCED EMERGENCY MEDICAL TECHNICIAN**  
**(AEMT)**

MEDICAL DIRECTOR: Alex Malone

COORDINATOR/INSTRUCTOR: Allison Henderson

ASSISTANT INSTRUCTORS: Allison Henderson AEMT, Jenna Roxbury (Nurse Mercy Air), William Hicks (Medic Mercy Air), Rod Fernandes - AEMT

TELEPHONE: 775-553-2026 E-MAIL: [arhenderson@co.nye.nv.us](mailto:arhenderson@co.nye.nv.us)

**COURSE DESCRIPTION:** (AEMT: National EMS Education Standards)

This course is designed to instruct students to the level of Advanced Emergency Medical Technician-AEMT, who serve as a vital link in the healthcare team. It is recognized that the AEMT will provide the majority of pre-hospital emergency medical care. This includes all skills necessary for the individual to provide emergency medical care at an advanced life support level with an ambulance service or specialized service.

**PREREQUISITES:**

- Current AHA BLS Healthcare Providers CPR card or American Red Cross Professional Rescue Card
- Valid State Driver License
- 18 years of age or older
- Pass Criminal Background check

## **REQUIRED TEXT**

Advanced Emergency, Jones & Bartlett Emergency Care and Transportation of the Sick and Injured AAOS 3rd edition, edited by: Andrew N. Pollak, MD, FAAOS.

## **REQUIRED ONLINE ASSIGNMENTS & TESTING RESOURCE:**

[www.jblearning.com](http://www.jblearning.com) Access Code Card with each Textbook.

Online Workbook Chapter Assignments.

Online Chapter Quizzes

## **COURSE OBJECTIVES: AEMT: National Standard Curriculum**

<b>Learner Objectives</b>	<b>Learner Outcomes</b>
Recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care	Case Studies, Case Scenarios, Skills demonstrations, Chapter Workbook Assignments, and Chapter Quizzes
Administer appropriate emergency medical care based on assessment findings of the patient's condition	Case Studies, Case Scenarios, Facilitated Discussions, Chapter workbook Assignments, Chapter Quizzes  Case Scenarios with role playing activities, and lab skills sessions
Lift, move, position, and otherwise handle the patient to minimize discomfort and prevent further injury	Workbook Assignments, Chapter Quizzes, Skills Demonstration & Skills practice
Perform safely and effectively the expectations of the job description	Facilitated Discussions, Case Studies and Case Scenarios with role playing activities
Comprehend, apply and evaluate the clinical information relative to his/her role as an entry level AEMT	Group and individual presentations and Lab skills practice and acquisition
Demonstrate the technical proficiency in all skills necessary to fulfill the role of an entry-level AEMT	Midterm Test, Mock Disaster Field Trip Exercises, Skills Evaluation  Facilitated Discussions and Case Studies
Able to follow protocols consistent with National Standard Curriculum	Case Scenarios with role playing activities, Final Exam, Skills Testing

**COURSE CONTENT:** (AEMT: National Standard Curriculum based upon the National EMS Education Standards)

- Overview of the human body
- Medical-Legal Issues of EMS
- Assessing Emergency Scenes and pre-hospital patients
- Path physiology

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- Life Span Development
- AEMT Pharmacology
- Respiratory and Cardiac Emergencies
- Drug and Alcohol- related crisis
- Abdominal and seizure emergencies
- Trauma Emergencies
- Emergency Childbirth and Pediatric Emergencies
- Geriatric Emergencies
  
- Functioning in the Pre-hospital Care Environment

**STRUCTURE OF THE COURSE:**

This course is a hybrid format. There is a blend of traditional classroom based education, online study group and online homework/testing. The class schedule is as follows:

<b>Assignment DUE DATE  Or Classroom DATE</b>	<b>CHAPTER#</b>	<b>TOPIC</b>	<b>Instructor Or Resource</b>
Sept 13	1	Preparatory	J&B Online
Sept 13	2	Workforce Safety & Wellness	J&B Online
Sept 13	3	Medical, Legal & Ethical Issues	J&B Online
Sept 13	4	Communications & Documentation	J&B Online
Sept 13	5	Medical Terminology	J&B Online
Sept 13	6	Lifting and Moving Patients	J&B Online

Sept 13	7	The Human Body	J&B Online
Sept 13	8	Pathophysiology	J&B Online
Sept 13	9	Life Span Development	J&B Online
Sept 13	10	Patient Assessment	J&B Online
Sept 13	1-4	* Chapter Review 0800 HRS to 1000 HRS	Henderson
Sept 13	5-7	Chapter Review 1000 HRS to 1200 HRS	Henderson
Sept 13	9-10	Chapter Review/Prep, Demonstration & Skills 1300 HRS to 1700 HRS	Henderson
Sept 14	8-10	Chapter Review/Prep, Demonstration & Skills 0800 HRS to 1200 HRS	Henderson
Sept 14	11	Principles of Pharmacology Lecture 1300 HRS to 1400 HRS	Roxbury Hicks
Sept 14	9	Patient Assessment Skills Lab 1400 HRS to 1700 HRS	Roxbury Hicks
Sept 28th	11	Airway Management	J&B Online
Sept 28th	12 & 13	Pharmacology & Vascular Access Medication Access	J&B Online
Sept 28th	14 & 15	Shock & BLS Resuscitation	J&B Online
Sept 28th	16 & 17	Medical Overview & Respiratory Emergencies	J&B Online
Sept 28th	18	Cardiovascular Emergencies	J&B Online
Sept 28th	19	Neurologic Emergencies	J&B Online
Sept 28th	20 & 21	Gastrointestinal & Urologic Emergencies	J&B Online
Sept 28th	22	Immunologic Emergencies	J&B Online
Sept 28th	23 & 24	Toxicology & Psychiatric Emergencies	J&B Online
Sept 28th	25	Gynecologic	J&B Online

Sept 28th	1-25	Mid-Term Test	J&B Online
Sept 28th	11-15	Chapter Review/ Skills 0800 HRS to 1200 HRS	Henderson
Sept 28th	16-25 LAB	Chapter Review Medical Emergencies/ Patient Assessment Skills 1300 HRS to 1700 HRS	Henderson
Sept 29th	LAB	Skills Review/ Airway & Respiratory/ Lifting & Moving/ BLS & Resuscitation/ Vitals Skills 0800 HRS to 1200 HRS	Henderson
Sept 29	LAB 12	Patient Assessment Skills 1300 HRS to 1700 HRS  Review of Pharmacology	Roxbury Hicks
Oct 12	26&27	Trauma Overview & Bleeding	J&B Online
Oct 12	28 &29	Soft Tissue Injuries & Face and Neck Injuries	J&B Online
Oct 12	30& 31	Head & Spine Injuries and Chest Injuries	J&B Online
Oct 12	32&33&34	Abdominal & Genitourinary Injuries and Orthopedic Injuries Environmental Emergencies	J&B Online
Oct 12& 13th	LAB 34	Trauma Overview/Review  0800 HRS to 1000 HRS  Environmental Emergencies Review 1000-1200	Fernandes
Oct 12& 13th	LAB	Trauma Patient Assessment Practical Skills 1300 HRS to 1700 HRS	Fernandes
Oct 19	35	Obstetrics & Neonatal Care	J&B Online
Oct 19th	36 & 37	Pediatric Emergencies & Geriatric Emergencies	J&B Online
Oct 19th	38	Patients with special Challenges	J&B Online
Oct 19th	38, 39 & 40	Patients with special Challenges Transport Operations/ Vehicle Extrication and Special Rescue	J&B Online

Oct 19 <sup>th</sup> & 20 <sup>th</sup>	LECTURE/ LABS Chap 35-40	Practical Skills Review & Lectures 0800-1700	Fernandes Henderson
Nov 2	39 & 40	Incident Management & Terrorism Response and Disaster Management	J&B Online
Nov 2	41& 42  1-13 & 14-27	Incident Management & Terrorism Response & Disaster Management  Chapter Review/Skills Review 0800 HRS to 1200 HRS 1300 HRS to 1700 HRS	Henderson Fernandes
Nov3	28-40	Chapter Review/ Skills Review 0800 HRS to 1200 HRS 1300 HRS to 1700 HRS	Henderson
Nov 16	Final Testing	Skills Review/ Practical Skills Testing 0800 HRS to 1200 HRS 1300 HRS to 1700 HRS	Henderson
Nov 17	Final Testing	Proctored Final Exam 0800 HRS to 1200 HRS  1300-1700 Review any problem areas for student	Henderson
TBA	Cert Testing	NREMT Cognitive CPU Test	NV DPBH
TBA	Cert Testing	NREMT Practical Skills Testing	NV DPBH

The Saturday and Sunday classes listed in the schedule will be conducted at the Beatty Ambulance Station# 31. Classroom hours will be from 8AM to 5PM with a 1 hour lunch

### **METHODS OF INSTRUCTION:**

Instruction will be online assignments through [www.jblearning.com](http://www.jblearning.com) , case studies, discussion, demonstration, written assignments, in class instruction, online testing, and skills labs.

### **ASSESSMENTS AND COMPETENCIES:**

Students will be assessed with chapter workbook assignments, chapter quizzes for each area of study, and online Midterm Exam and online Final Exam. Students must have a 75% cumulative average to successfully pass the course. In addition to passing the didactic portion of this course, the student must also pass the practical skills portion based on the criteria listed in the National Registry skills summary sheets. Additionally each student will be required to perform clinical

duties at The Desert View hospital or Pahrump Valley Fire Department in Pahrump NV to accumulate at least 10 patient assessments under the supervision of a nurse, doctor or lead medic.

## **ATTENDANCE AND PARTICIPATION:**

Attendance and participation to all classes and laboratory practice is required.

- Unavoidable absences: Contact the Instructor
- The department of transportation curriculum states students may not miss more than 16 hours of the course or they will not be eligible for NREMT certification (NO EXCEPTIONS)
- The online coursework will have deadlines that will be posted online. If you fall behind you will be dismissed from the class. (The reason for this, is that this course is so fast paced, you simply can't catch up)

## **GRADING SCALE:**

**STUDENTS MUST HAVE AT LEAST A 75% CUMMULATIVE GRADE POINT AVERAGE AND MEET THE ATTENDANCE REQUIREMENTS TO BE ELIGIBLE TO TAKE THE NATIONAL RESISTRY EXAMINATION.**

Grading will be based on testing and exams through [www.JBlearning.com](http://www.JBlearning.com), including the Final Examination on the last day of class.

Student Grades are determined as follows:

J&B Online assignments=25%

J&B Online Chapter Quizzes=25%

Classroom Attendance & Clinical Performance=25%

Final Exam & Practical Skills Test-25%

It is critical students keep up with all coursework and complete assignments on time, *no late work is accepted.*

### **CLINICAL EXPERIENCE:**

Ten patient contacts are required for course completion. A provisional student license must be obtained from the State EMS Department for ambulance clinical rotation. Forms will be handed out in class. Remember to dress appropriately for clinical time (black pants, plain, white, collared shirt, and close toed footwear). An evaluation form must be completed and turned in to the class instructor for each patient contact.

### **ACCOMODATIONS FOR DISABILITES:**

Nye County EMS is committed to providing equal educational opportunities to qualified students with disabilities in accordance with state and federal laws and regulations, including the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. A qualified student must furnish current verification of disability. The Course Coordinator or designated representative will assist qualified students with disabilities in securing the appropriate and reasonable accommodations.

### **ACADEMIC INTEGRITY:**

Nye County EMS will enforce academic integrity. A student who obtains academic credit for work that is not the product of his or her own effort is being dishonest and undermining the academic integrity of the agency. Students are expected to be the sole authors of their work. Violations of academic integrity include, but are not limited to, one or more of the following acts:

- Cheating (giving or receiving information related to examination questions)
- Plagiarism
- Students are not allowed to print or copy any test or any part of a test. This is considered a form of cheating and appropriate action will be taken.

### **EDUCATION AND CERTIFICATION:**

The education component is designed to facilitate the acquisition of cognitive knowledge and psychomotor skills necessary to obtain a certification to practice as an Emergency Medical Technician (EMT). Although the educational component is closely associated with entities that certify and license EMS providers, the two processes are separate and distinct. Successful completion of the education component does not ensure certification or licensure.

### **MEDICAL DIRECTOR:**

Our course medical director is Alex Malone M.D. Dr. Malone approves the curriculum and acts as the ultimate medical authority regarding course content, procedures, protocols, and acts as



liaison with the medical community. Dr. Malone or his designee is responsible to verify student competencies in the cognitive, affective and psychomotor domains.

### **CIVILITY STATEMENT FOR THE CLASSROOM:**

For the learning experience, the student and instructor/s require mutual respect. Neither the student, nor the instructor/s, should be subject to behavior that is rude, disruptive, intimidating, or demeaning. The instructor/s has the primary responsibility for and control over the classroom behavior and maintenance of academic integrity.

- Cell phones must be off during class or in the silent vibrate mode
- NO TEXTING in CLASS

### **SPECIAL CONSIDERATIONS:**

Students will be required to perform assessments and skills on each other and act as patients themselves. Proper attire must be worn in order to safely and properly perform these required tasks. Skirts, dresses, low cut shirts, "short" shorts, and sandals are not appropriate for activities required. Low cut jeans and pants must have a shirt/ blouse that are long enough to cover sufficiently during the lifting and bending activities.

### **TOUCHING:**

Due to the nature of this class students are required to touch each other during assessments and skills. Any inappropriate touching or sexual comment will result in immediate dismissal from the class.

### **COURSE COMPLETION PAPERWORK:**

Upon successful completion of the course students will complete the following:

1. EMS Course Completion Form. The Medical Director and Course Coordinator signatures are required.
2. The Course Evaluation Form (complete in class)
3. NREMT registration and examination information will be available prior to completion of the class.

The goal of this course and curriculum is to foster a consistent and healthy learning environment. This effort is facilitated by The Nyc County Department of Emergency Management, EMS Division.

The ongoing effort to recruit and train competent and skilled EMS providers in the rural setting has been a challenging endeavor in many regions; Nye County, NV is no exception. Come visit your local Volunteer Ambulance Service and get involved, the safety of your community depends on it.



*Thank you,*

*Allison Henderson – AEMT, EMS Instructor*

*Beatty Volunteer Ambulance Service*

*Nye County Emergency Management*

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