



## Walters State Community College Course Syllabus

### Course Information

**Course Number and Name:** EMSA 1501 Adv EMT Medical Emergencies

**Section ID:** 81263.202380

**Semester and Year:** Fall 2023

**Credit Hours:** 5

**Start Date:** August 21, 2023

**End Date:** December 08, 2023

**Course Format:** CON - Conventional Methodology

**Catalog Course Description:** The Advanced EMT Medical Emergencies is one of two lecture courses which includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. This course includes the following topics: Emergency Medical Responder and Emergency Medical Technician - National Educational Standards competencies, roles and responsibilities of the AEMT, workforce safety, wellness, public health, communications, documentations, medical/legal/ethical considerations, anatomy and physiology, life span development, pathophysiology, patient assessment, critical thinking, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urological emergencies anaphylactic reactions and behavioral emergencies. Acceptable placement score of completion of all Learning Support competencies in Reading and Writing or Instructor approval. Corequisites: EMSA 1201 and 1111

**Meeting Details:** MW; - ; PSC 134

**Course Drop Deadline:** October 27, 2023

### Instructor Information

**Name:** Cynthia Turnmire

**Office Location:** PSC 118

**Office Hours:** Student must make an appointment with the instructor.

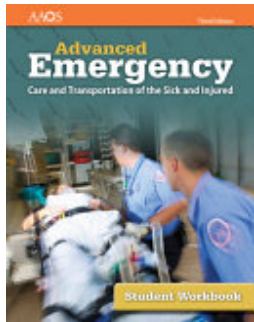
**Office Phone:** 423-585-2678

**Email:** Cindy.Turnmire@ws.edu

**Supervisor Name:** John Reeves

**Supervisor Phone:** 423-585-2669

## Required Textbook(s) and Materials



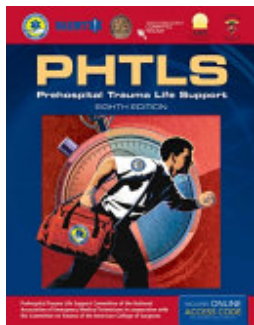
**AEMT 4E Essentials with Workbook**

**ISBN:** 9781284257663

**Authors:** American Academy of Orthopaedic Surgeons (AAOS)

**Publisher:** Jones & Bartlett Publishers

**Publication Date:** 2018-05-03



**Phtls**

**ISBN:** 9781284041736

**Publisher:** Jones & Bartlett Publishers

**Publication Date:** 2014-05-01

**Edition:** 9TH EDITION

## Student Learning Outcomes/Objectives

- The student will apply the multiple determinants of professional roles and responsibilities of operating as an Advanced Emergency Medical Technician in the pre-hospital emergency care setting.
- The student will apply the multiple determinants of medical and legal considerations of operating as an Advanced Emergency Medical Technician in the pre-hospital emergency care setting.
- The student will apply the multiple determinants of the general pathophysiology of the human body relative to patient assessment and treatment.
- The student will demonstrate fundamental knowledge used in the skills associated with advanced level management of age-related patient airway presentations associated with care as an Advanced Emergency Medical Technician in the pre-hospital emergency care setting.

- The student will apply fundamental knowledge in the multiple determinants of pharmacological interventions available to treat patients as an Advanced Emergency Medical Technician in the pre-hospital emergency care setting.
- The student will apply fundamental knowledge in the multiple determinants of age-related patient management of a medical patient including, but not limited to neurologic emergencies, gastrointestinal/urologic emergencies, immunologic emergencies, endocrine/hematologic emergencies, cardiovascular emergencies, respiratory emergencies, and toxicological emergencies and operational emergencies associated with care as an Advanced Emergency Medical Technician in the pre-hospital setting.
- The student will apply fundamental knowledge to perform age-related management of shock and resuscitation.
- The student will apply scene information to guide emergency management of patients by using scene size up information, patient findings related to primary and secondary assessment, patient history, and reassessment.

## Instructional Approach and Methods

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 a quiz on the assigned material. Written assignments and quizzes cannot be made up. Exams can only be made up with approval of the instructor and under extraordinary circumstances.

The AEMT intern must competently pass the clinical component; pass a midterm written, a summative written, have a composite score of "C" and summative practical exam to be eligible to participate in the state board licensure examination. Any student failing the summative written exam, practical exam, or both will constitute failure of the AEMT course. Also, not achieving a passing grade equivalent of "C" on a skill sheet or committing a critical criteria violation will result in the failure of that skill. A final "not yet competent" in clinical will result in a grade of "F" for the entire course.

## Assessment, Evaluation and Testing Procedures

There will be several exams (both skill and written) during the course of the semester. Students must have a "C" score on each written exam, pass each skill evaluation, and have a composite score of "C" to be eligible to participate in the state board licensure examination. Any student failing the summative

practical exam will constitute failure of the AEMT courses. See the AEMT Student Manual Guide for a complete explanation of the grading policy.

## Grading Scale

A	91 to 100
B	80 to 90
C	70 to 79
D	63 to 69
F	Below 63

## Assignments

Lesson	Topic	Chapter Reading Assignments	Date
1	<b>Orientation</b> , EMS Systems, Workforce Safety and Wellness Medical/Legal and Ethical Issues, Communication and Documentation, Medical Terminology Lifting and Moving Patients, The Human Body, Life Span Development; Principles of Pharmacology: medication administration; Emergency medication <u><b>Math skills</b></u>	Ch. 1-7, 9, & 12	8/21
2	<b>Continued:</b> Principles of Pharmacology: medication administration; Emergency medication; <b>(Drug Cards Due.)</b>	Ch. 12	8/23
3	Vascular Access and Medication Administration	Ch. 13	8/28
4	Venous Access, IV sites and Techniques (lab/didactic). <b>Student live stick check-off and Pediatric IO.</b>	Ch. 13	8/30
5	Shock and Bleeding	Ch. 8, 14, & 27	9/6
6	<b>Exam 2</b> Patient Assessment (lab/didactic); <u><b>Clinicals may begin after today, if paperwork is complete.</b></u>	Ch. 10	9/11
7	Airway Management, Advanced Airway, Oxygen Therapy; Medical Overview (lab/didactic)	Ch. 11 & 16	9/13
8	<b>Exam 3</b> Respiratory Emergencies: Inhalers and Nebulizer (Albuterol) Treatment, Allergies Immunologic Emergencies EPI (lab/didactic)	Ch. 17 & 22	9/18
9	Cardiovascular Emergencies (Nitroglycerin, Baby Aspirin) (lab/didactic)	Ch. 18 & 15	9/20

Lesson	Topic	Chapter Reading Assignments	Date
10	<b>Exam 4</b> Endocrine and Hematologic Emergencies, Glucagon, Glucose & D <sub>50</sub> W Administration (lab/didactic)	Ch. 21	9/25
11	Neurologic Emergencies, Toxicology Emergencies, Psychiatric Emergencies and drug administration. MAD device and naloxone(lab/didactic)	Ch. 19, & 23-24	9/27
12	Gastrointestinal and Urologic Emergencies	Ch. 20	10/2
13	<b>Exam 5</b> Gynecological Emergencies, Obstetrics and Neonatal Care	Ch 25 & 35	10/4
14	Abdominal and Genitourinary Injury (lab/didactic)	Ch. 32	10/11
15	<b>Mid-term Exam</b> Trauma Overview; Soft tissue Injury	Ch. 26 & 28	10/16
16	Face and Neck Injuries, and Chest Injuries; LZ training LifeStar	Ch. 29 & 31	10/18
17	<b>Exam 6</b> Orthopedic Injuries, Splinting (lab/didactic) Helmet removal, Nitrous Oxide Administration	Ch. 33	10/23
18	Head and Spine Injuries, Environmental Injuries (lab/didactic)	Ch. 30 & 34	10/25
19	Advanced Cardiology		10/30
20	<b>Hazmat Training with JCFD Chief Lee Turner</b>	Ch. 41	11/1
21	EPC	Ch. 36	11/6
22	EPC	Ch. 36	11/8
23	PHTLS (ADVANCED) <b>NREMT ONLINE REGISTRATION STATE FORMS AND FEES AND CRIMINAL BACKGROUND CHECKS ARE DUE TODAY.</b> Mock Lifestar loading patient.	9 <sup>th</sup> edition PHTLS book	11/13
24	PHTLS RETEST Geriatric Emergencies, Patients with Special Challenges (lab/didactic)	Ch. 37-38	11/15
25	Transport Operations, Vehicle Extrication and Special Rescue; Terrorism Response and Management (lab/didactic)	Ch 39-40 & 42	11/20
26	<b>Final Written Exam/Practical Test</b> Practical Practice (lab/didactic)		11/22
27	<b>Practical Practice</b>		11/27
28	<b>Practical Practice</b>		11/29
29	<b>Practical Practice</b>		12/4
30	<b>Practical Practice</b>		12/6
31	<b>State NREMT Practical</b>		12/7

## Class Participation

Excessive absences and/or tardiness will result in the loss of eligibility to sit for the State of Tennessee Licensure Exam. See the WSCC Handbook and the EMT Student Manual Guide for a more detailed explanation of the attendance policy. Regular class attendance is a student's obligation. (See the Walters State Catalog/Student Handbook) If for some reason a student misses class, it is his or her responsibility to see the instructor regarding missed assignments and/or activities and to be prepared for the next class. Excessive absences may substantially lower the semester grade. The college requires the instructor to keep accurate records and to report when students are not attending class.

## Course and Class Policies/Procedures

**STATE BOARD EXAMINATION: UPON SUCCESSFUL COMPLETION OF AEMT PROGRAM, YOU WILL SCHEDULE YOUR WRITTEN EXAM THROUGH NREMT/ PEARSON VUE EMS CERTIFICATION TESTING CENTERS.**

NATIONAL REGISTRY OF EMT TEST REGISTRATION:

National Registry Online Registration: [NREMT Homepage \(opens in new window\)](#)

Click on: [Create New Account \(opens in new window\)](#)

**AEMT FINAL SKILL PRACTICAL Begins at promptly at scheduled time; arriving late may result in a grade of "F" for the summative practical.**

WALTERS STATE SUMMATIVE AEMT PRACTICAL EXAMINATION POLICIES:

Testing will be conducted in accordance with the State of Tennessee EMS rules and regulations and National education standards. Evaluation sheets used to determine student practical performance will be become a part of the student's academic record.

### Eligibility

1. A student must have received a grade of 'C' or better and been ranked as competent during clinical rotations.
2. A student must have a complete file with all state required documents.
3. The student must have paid all fees relative to testing (NREMT and TDH-EMS fees).
4. Every eligible student must attend the examination orientation prior to the examination.

### Examination Scheduling

1. A student must attend the examination on the scheduled date and time.

2. A student arriving late on test day will not be allowed to test. The test site coordinator may make allowances for extenuating circumstances.
3. All examinations shall be conducted at the Public Safety Center at Morristown Campus unless otherwise specified.

#### Examination Process

1. Once the examination is started, no student is permitted to leave the room without proper permission from the test site coordinator.
2. If any student is found engaging in any kind of inappropriate behavior during the examination that student will be dismissed from the examination.
3. No student shall have any electronic device at the testing site.
4. The student will not be eligible for retest if the student fails the final summative practical.

#### Grievance Process

1. Any student believing, he or she has been a victim of discrimination or experiencing equipment failure may file a grievance.
2. Each student must file the grievance in writing and present it to the examination coordinator.

The disposition relative to the grievance will be decided by the Grievance Committee.

## Academic Honesty

Faculty expect all students to refrain from acts of academic misconduct including but not limited to:

1. Plagiarism - refers to using another person's ideas or writing without giving proper credit to the original source. Indulging in this type of conduct will subject the student to disciplinary sanctions, which may be imposed through the regular institutional procedures of Walters State Community College as outlined in the Student Handbook. Plagiarism will result in a grade of "0" for the paper/exam/presentation. Student Conduct and Disciplinary Sanctions contained in the college Catalog/Student Handbook apply (see policy 04:18:02 Disciplinary Sanctions).  
Plagiarism includes, but is not limited to the following:
  - a. Using cut/paste tool from original document with no references given.
  - b. Copying another student's work and submitting it as one's own.
  - c. Forging or otherwise altering signatures.
  - d. Giving or falsifying academic documents or materials.
2. Cheating - construed as attempting to deceive or mislead which includes, but is not limited to the following:

- a. Utilizing old tests, projects, notes or written papers.
  - b. Providing unauthorized information to a fellow student about exam content.
  - c. Receiving unauthorized aid from any source with quizzes, examinations, or other assignments.
  - d. Seeking information in an unacceptable manner during/preceding an exam or other assigned work (cheat sheet, verbal exchange, looking at another person's paper or electronic device, utilizing headphones, using textbook when the test/quiz is not an open book test/quiz, using textbook test bank etc.).
  - e. Consulting with a classmate or others when taking a computerized test.
  - f. Disregarding other specific policies and procedures outlined for a particular class.
  - g. Utilizing unapproved technology/electronic equipment during testing (i.e.: mobile devices such as cell phones, smart devices, or tablets, etc.).
  - h. Using the same Internet Protocol network address (IP address) as another student for testing without approval from the course faculty.
3. The use of any generative artificial intelligence (AI) tool, such as OpenAI's ChatGPT, Google's Bard, or any other pre-trained language model (commonly referred to as "chatbot"), must be cited for any assignment where it has been used and may not be used unless specifically allowed by your instructor. Please see your instructor or the course policies within the syllabus if you have questions.

## Student Resources

### TUTORING SERVICES

Students in need of tutoring assistance are encouraged to contact the Office of Student Tutoring located as follows:

- Morristown Campus - Student Services Building Room L107 - (423) 585-6920
- Niswonger Campus - GRNV 226 - (423) 798-7982
- Sevierville Campus - MMH Room 210 - (865) 286-2787
- Claiborne Campus - Room 123A - (423) 851-4761

Specific tutoring assistance in mathematics and writing is available in-person and online as follows:

- Morristown Campus - English Learning Lab - HUM 120 - (423) 585-6970

[Walters State English Learning Lab \(opens in new window\)](https://www.walters.edu/academics/humanities/writing-lab)  
[ws.edu/academics/humanities/writing-lab](https://www.walters.edu/academics/humanities/writing-lab)



- Morristown Campus - Mathematics Lab - MBSS 222 - (423) 585-6872

[Walters State Mathematics Learning Lab \(opens in new window\)](https://ws.edu/academics/mathematics/learning-lab)  
[ws.edu/academics/mathematics/learning-lab](https://ws.edu/academics/mathematics/learning-lab)

## **TECHNOLOGY SUPPORT**

Students who need assistance with computing and technology issues should contact the IET Helpdesk by phone at Morristown: (423) 318-2742; Niswonger: (423) 798-8186; or Sevierville: (865) 286-2789 or on-line access.

[Walters State Helpdesk \(opens in new window\)](https://helpdesk.ws.edu)  
[helpdesk.ws.edu](https://helpdesk.ws.edu)

## **STUDENTS WITH DISABILITIES SUPPORT SERVICES**

Students with disabilities must register with Student Support Services each semester in the Student Services Building, Room U134 (phone (423) 585-6892) if they need any special facilities, services, or consideration.

[Walters State Student Support Services \(opens in new window\)](https://ws.edu/student-services/disability/)  
[ws.edu/student-services/disability/](https://ws.edu/student-services/disability/)

## **SUICIDE PREVENTION STATEMENT**

Walters State is committed to and cares about all students. Support services are available for any person at Walters State who is experiencing feelings of being overwhelmed, hopelessness, depression, thinking about dying by suicide, or is otherwise in need of assistance. For immediate help, contact the National Suicide Prevention Lifeline by calling or texting 9-8-8 or the Trevor Lifeline at 1-866-488-7386. Veterans may also contact the Veterans Crisis Line at 1-800-273-8255 (press 1) or Text 838255.

Walters State has a relationship in place with the following community agencies to provide services (may include crisis referral services, prevention screenings, etc.):

- Cherokee Health Systems 423-586-5032
- Frontier Health 423-467-3600

# **College Policies**

## **STUDENTS HANDBOOK AS OFFICIAL GOVERNING DOCUMENT**

This class is governed by the policies and procedures stated in the current Walters State Community College Student Handbook. All students attending Walters State Community College, regardless of the time, location, or format of the class, must abide by the rules and regulations outlined in the current Walters State Catalog/Student Handbook and the current Walters State Timetable of Classes.

[Walters State Catalog \(opens in new window\)](http://catalog.ws.edu/)  
[catalog.ws.edu/](http://catalog.ws.edu/)

[Walters State Timetable of Classes \(opens in new window\)](http://ws.edu/admissions/registration/)  
[ws.edu/admissions/registration/](http://ws.edu/admissions/registration/)

## **PURPOSE, LIMITATIONS AND MODIFICATION OF SYLLABUS**

This syllabus sets forth the expectations for the course content, work, and grading as well as expectations for student performance and conduct. The syllabus does not constitute a contract between the student and the instructor or the College. The information contained here is subject to change at any time. The instructor reserves the right to modify this syllabus at any time with written notification to the students. Though changes are possible, it is expected that the course will be conducted as described in this syllabus for the semester/year specified in the Course Information section of the syllabus. This syllabus is only valid for the semester/year specified and course requirements are not guaranteed for future semesters.

## **COURSE GROUND RULES**

- Students must attend the first day of on-ground class or contact the instructor prior to the first class. Failure to do this may result in being dropped from the class. Excessive absences may substantially lower the course grade.
- Regular class attendance is a student's obligation for any course regardless of format. (See the Walters State Catalog/Student Handbook). If a student misses class, it is his or her responsibility to contact the instructor regarding missed assignments and/or activities and to be prepared for the next class assignment.
- Students enrolled in web courses must follow the course attendance policy defined for online attendance during the first week of class and throughout the term. Failure to do this may result in being dropped from the class during week one OR may result in the accrual of absences which may negatively impact the student's grade in the course.
- Students who have not paid fees on time and/or are not correctly registered for this class and whose names do not appear on official class rolls generated by the Walters State student information system (MyWS) will not be allowed to remain in class or receive credit for this course.
- Electronic devices must not disrupt the instructional process or college-sponsored academic activity. Use of electronic devices is prohibited unless use of the device is relevant to the activity and use is sanctioned by the faculty member in charge. Electronic devices that are not relevant

to the activity or sanctioned by the faculty member in charge should be set so that they will not produce an audible sound during classroom instruction or other college-sponsored academic activity.

## **FINANCIAL AID**

Students receiving any type of financial aid or scholarship should contact the Financial Aid Office before making any changes to their schedule. Schedule changes without prior approval may result in loss of award for the current term and future terms.

All forms of student Financial Aid may be jeopardized or lost due to the lack of Satisfactory Academic Progress in one or multiple courses. Lack of Satisfactory Academic Progress may negatively impact a student's degree/certificate completion pace and further jeopardize Financial Aid eligibility.

## **CANCELLATION OF CLASSES AND ACADEMIC CONTINUITY**

For information related to the cancellation of classes due to inclement weather or other events, please check the Senators Emergency Text system or the college's Web site at:

[Walters State Homepage \(opens in new window\)](#)

[ws.edu/home/](http://ws.edu/home/)

[Walters State Facebook page \(opens in new window\)](#)

<https://www.facebook.com/WaltersState/>

[Walters State Twitter page \(opens in new window\)](#)

<https://twitter.com/waltersstate>

or call the college's student information line, 1-800-225-4770, option 1; the Sevier County Campus, (865) 774-5800, option 7; the Niswonger Campus (423) 798-7940, option 7; or the Claiborne County Campus, 423-636-6200, option 7. Also, please monitor local TV and radio stations for further announcements.

When an event or disaster interrupts the scheduled operations of the college and the ability to proceed with the academic course activities as planned, the college and your instructor may alter the course plan outlined in the syllabus. Should an event occur, students should refer to their course e-Learn pages and/or class materials previously delivered to receive guidance from their instructor. Students should continue to monitor the official college channels of communication listed in the above paragraph. If you would like to sign up for the Senators Emergency Text system, please go to the following Web site:

[Senator Emergency Text System \(opens in new window\)](#)

[ws.edu/set/](http://ws.edu/set/)

Dual Enrollment students attending on a high school campus should refer to the high school inclement weather cancellations.

## **LEARNING MANAGEMENT SYSTEM**

Brightspace (commonly known as eLearn or D2L) is the college's Learning Management System (LMS).

Brightspace is committed to accessibility by "deliver[ing] a learning experience that meets the needs of all people, regardless of age or ability." [Brightspace Accessibility Standard \(opens in new window\)](#)

Brightspace is also committed to guarding student data and privacy. [Brightspace Privacy Policy \(opens in new window\)](#)