

ATEP 530 (002): Emergency Procedures for Athletic Trainers (3 credits)

Fall 2021

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Instructor: Lida Thanarak Pitsch, Ph.D, ATC, LAT, LPTA, OPE, PES

Email: Lthanara@gmu.edu

Phone:

Office hours: By Appointment

08/30/21 Last day to add classes

09/07/21 Last day to drop classes without penalty

09/14/21 Last day to drop (50% tuition penalty)

09/28-10/27 Selective withdrawal period

Course Description

Prerequisites: Admission to the Professional Masters ATEP and a B- or greater in the following courses: ATEP 510, 520

Investigates the scientific and philosophical foundations of pre-hospital emergency care principles pertinent to athletic trainers. Develops knowledge, critical thinking and problem solving skills necessary to correctly apply emergency care principles and associated skills in a variety of clinical and professional settings.

Blackboard Login Instructions

Access to [MyMason](#) and GMU email are required to participate successfully in this course. Please make sure to update your computer and prepare yourself to begin using the online format BEFORE the first day of class. Check [the IT Support Center](#) website. Navigate to [the Student Support page](#) for help and information about Blackboard. In the menu bar to the left you will find all the tools you need to become familiar with for this course. Take time to learn each. Make sure you run a system check a few days before class. Become familiar with the attributes of Blackboard and online learning.

Required Textbooks

Miller, Berry. (2011). *Emergency Response Management for Athletic Trainers*, 1st ed. Lippincott Williams & Wilkins, Philadelphia.

Course Learning Outcomes

This course is designed to enable students to do the following:

1. Recognize emergency situations;
2. Describe various emergency medical conditions and disabilities;
3. Interpret the signs and symptoms associated with the pathology of emergency injuries and illnesses;
4. Demonstrate the proper planning, assessment, and evaluation procedures for medical emergencies;
5. Identify the components of an emergency medical services (EMS) system;
6. Employ emergency care skills for injury and illnesses;
7. Demonstrate the ability to select and utilize appropriate emergency medical equipment; and
8. Triage emergency medical conditions and determine appropriate interventions and/or medical referral.

Technology Requirements

Hardware: You will need access to a Windows or Macintosh computer with at least 2 GB of RAM and access to a fast and reliable broadband internet connection (e.g., cable, DSL). A larger screen is recommended for better visibility of course material. You will need speakers or headphones to hear recorded content and a headset with a microphone is recommended for the best experience. For the amount of Hard Disk Space required taking a distance education course, consider and allow for:

1. the storage amount needed to install any additional software and
2. space to store work that you will do for the course.

If you consider the purchase of a new computer, please go to [Patriot Tech](#) to see recommendations.

Software: Many courses use Blackboard as the learning management system. You will need a browser and operating system that are listed compatible or certified with the Blackboard version available on the [myMason Portal](#). See [supported browsers and operating systems](#). Log in to [myMason](#) to access your registered courses. Some courses may use other learning management systems. Check the syllabus or contact the instructor for details. Online courses typically use [Acrobat Reader](#), [Flash](#), [Java](#), and [Windows Media Player](#), [QuickTime](#) and/or [Real Media Player](#). Your computer should be capable of running current versions of those applications. Also, make sure your computer is protected from viruses by downloading the latest version of Symantec Endpoint Protection/Anti-Virus software for free [here](#).

Students owning Macs or Linux should be aware that some courses may use software that only runs on Windows. You can set up a Mac computer with Boot Camp or virtualization software so Windows will also run on it. Watch [this video](#) about using Windows on a Mac. Computers running Linux can also be configured with virtualization software or configured to dual boot with Windows.

Note: If you are using an employer-provided computer or corporate office for class attendance, please verify with your systems administrators that you will be able to install the necessary applications and that system or corporate firewalls do not block access to any sites or media types.

Course-specific Hardware/Software

Check the syllabus for your course or contact the instructor prior to the start of the course to find out about specific technical requirements for your class. Hardware or software required for your course or program may be available for purchase at [Patriot Computers](#) (the University's computer store that offers educational discounts and special deals).

Course Schedule

MODULES (Monday-Sunday)	TOPIC/READINGS/VIDEOS	ASSIGNMENTS DUE
Module 1 08/23-08/29 08/24	The Certified Athletic Trainer and Emergency Medical Services: Ch 1: Understanding Roles and Responsibilities <i>LAB: Introduction to the class, EMS, chain of survival, ATC roll, primary, secondary, ongoing assessment, & (tertiary assessments),</i>	Online Discussion Modular #1: <ul style="list-style-type: none"> Initial post by Thursday 08/26 11:59 PM Responses by Sunday 08/29 11:59 PM Chapter review due Sunday 08/29 by 11:59 PM
Module 2 08/30-09/05 08/31	Ch 8: Primary, Secondary, & Ongoing Assessments <i>LAB: taking baseline data, LOC, AVUP, ABC, DCAP-BTLS, OPQRST</i>	Online Discussion Modular #2: <ul style="list-style-type: none"> Initial post by Thursday 09/02 11:59 PM Responses by Sunday 09/05 11:59 PM Chapter review due Sunday 09/05 by 11:59 PM
Module 3 09/06-09/12	Ch 9: Assessments of Vital Signs	Online Discussion Modular #3: <ul style="list-style-type: none"> Initial post by Thursday 09/09

MODULES (Monday-Sunday)	TOPIC/READINGS/VIDEOS	ASSIGNMENTS DUE
09/07	<i>LAB: BP, P, RR, capillary refill, skin assessment, pupils, & ear (otoscope)</i>	11:59 PM <ul style="list-style-type: none"> Responses by Sunday 09/12 11:59 PM Chapter review due Sunday 09/12 by 11:59 PM
Module 4 09/13-09/19 09/12	Ch 14: Recognition and Management of Soft Tissue Injuries <i>LAB: Trauma, bleeding control/tourniquet (FRUIT LAB???)</i>	Online Discussion Modular #4: <ul style="list-style-type: none"> Initial post by Thursday 09/16 11:59 PM Responses by Sunday 09/19 11:59 PM Chapter review due Sunday 09/19 by 11:59 PM
Module 5 09/20-09/26 09/21	Ch 15: Recognition & Management of Skeletal Injuries <i>LAB: Bone injuries, types of splints, immobilization, splinting, sling & swath</i>	Online Discussion Modular #5: <ul style="list-style-type: none"> Initial post by Thursday 09/23 11:59 PM Responses by Sunday 09/26 11:59 PM Chapter review due Sunday 09/26 by 11:59 PM
Module 6 09/27-10/03 09/28	Ch 16: Immobilization Technique for Extremities, Thoracic, & Pelvis Injuries <i>LAB: Bone injuries, types of splints, immobilization, splinting, sling & swath</i>	Online Discussion Modular #6: <ul style="list-style-type: none"> Initial post by Thursday 09/30 11:59 PM Responses by Sunday 10/03 11:59 PM Chapter review due Sunday 10/03 by 11:59 PM
Module 7 10/04-10/10	Ch 17: Recognition & Management of Skeletal Injuries	Online Discussion Modular #7: <ul style="list-style-type: none"> Initial post by Thursday 10/07

MODULES (Monday-Sunday)	TOPIC/READINGS/VIDEOS	ASSIGNMENTS DUE
10/05	<i>LAB: spinal Immobilization, backboard, & transport</i>	11:59 PM <ul style="list-style-type: none"> Responses by Sunday 10/10 11:59 PM Chapter review due Sunday 10/10 by 11:59 PM
10/11-10/17	Fall Break	
10/18-10/24 10/19	TEST #1 Chapters 1, 8, 9, 14, 15, 16, & 17 LAB: SKILLS ASSESSMENT TEST #1 (vitals, trauma, blood control, sling & swath, immobilization/splinting) 150 pts	Exam 1 due Sunday 10/24 by 11:59 PM Skills Assessment due Tuesday 10/19
Module 8 10/25-10/31 10/26	Ch 18: Environmental Emergencies Ch 13: Recognition and management of hypoperfusion <i>LAB: temperature (oral, ear, & rectum), Taco Method, emersion (POOL???)</i>	Online Discussion Modular #8: <ul style="list-style-type: none"> Initial post by Thursday 10/28 11:59 PM Responses by Sunday 10/31 11:59 PM 2 Chapter reviews due Sunday 10/31 by 11:59 PM
Modular 9 11/01-11/07 11/02	Ch 12: Recognition and management of Cardiac Emergencies <i>LAB: Medical emergency, shock</i>	Online Discussion Modular #9: <ul style="list-style-type: none"> Initial post by Thursday 11/04 11:59 PM Responses by Sunday 11/07 11:59 PM Chapter review due Sunday 11/07 by 11:59 PM
Module 10 11/08-11/14	Ch 19: General Medical /Sudden Illness	Online Discussion Modular #10: <ul style="list-style-type: none"> Initial post by Thursday 11/11 11:59 PM

MODULES (Monday-Sunday)	TOPIC/READINGS/VIDEOS	ASSIGNMENTS DUE
11/07	<i>LAB: Medical emergency, rhabdomyolysis, urinalysis</i>	<ul style="list-style-type: none"> • Responses by Sunday 11/14 11:59 PM Chapter review due Sunday 11/14 by 11:59 PM
Module 11 11/15-11/21 11/16	Ch 20: Allergic Reactions & Poisons <i>LAB: Medical emergency, epi-pen, glucose monitoring/administration, diabetes</i>	Online Discussion Modular #11: <ul style="list-style-type: none"> • Initial post by Thursday 11/18 11:59 PM • Responses by Sunday 11/21 11:59 PM Chapter review due Sunday 11/21 by 11:59 PM
Module 12 11/22-11/28 11/23	Ch 10: Recognition and Management of Breathing Emergencies Ch 11: Adjunct Breathing Devices and Supplemental Oxygen Therapy <i>LAB: Lung sounds, oxygen (adjunct airways), inhalers</i>	Online Discussion Modular #12: <ul style="list-style-type: none"> • Initial post by Thursday 11/25 11:59 PM • Responses by Sunday 11/28 11:59 PM 2 Chapter review due Sunday 11/28 by 11:59 PM
11/29-12/05 11/30	TEST #2 Chapters 10, 11, 12, 13, 17, 18, 19, & 20 LAB: SKILLS ASSESSMENT TEST #2 (primary/secondary assess, medical) 150 pts	Exam 4 due Sunday 12/05 by 11:59 PM Skills Assessment due Tuesday 11/30
12/06-12/07	Reading Days	

MODULES (Monday-Sunday)	TOPIC/READINGS/VIDEOS	ASSIGNMENTS DUE
12/13	<p>LAB: GROUP COMPREHENSIVE SKILLS ASSESSMENT ONLY</p> <p>Vitals, primary, secondary, medical, trauma, blood control, splint, immobilization, spine board & transfer</p>	

Assignments Description (EXAMPLES – to show what you need to include to this section – grading points or percentages for each type of assignment, quantity, timeline, and requirements).

Course Policies

Professional Dispositions

Students are expected to exhibit professional behaviors and dispositions at all times. It is critical each student conduct themselves in an appropriate manner and decorum fitting of a health care provider. Making light of injuries, conditions, or illnesses that is not respectful to the class, instructor, or patient study will not be tolerated. Submission of documents or assignments should not include personal information and comply with Health Insurance Portability & Accountability Act (HIPPA) regulations.

Core Values Commitment

The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles: <http://cehd.gmu.edu/values/>.

Late Assignments: All assignments must be turned in on the due date given on the assignment sheet.

Instructor-Student Communication: I will respond to your emails within 48 hours. If I will be away from email for more than one day, I will post an announcement in the Blackboard course folder. Before sending an email, please check the following (available on your Blackboard course menu) unless the email is of a personal nature:

1. Syllabus
2. Ask Professor
3. On-demand Blackboard videos on how to use Blackboard features, and Technical Requirements.

Feel free to respond to other students in the Ask Professor forum if you know the answer.

Technology. You will need a reliable computer and internet access to view course materials in Blackboard. You will need to video record your two role-plays and you can do that with a smartphone or other video camera, such as Kaltura CaptureSpace in Blackboard.

Grading Scale

The student's final letter grade will be earned based on the following scale:

ASSESSMENT METHOD	NUMBER	POINTS EACH	POINTS TOTAL
Emergency Skills Assessment	4	75	300
Written Examinations	4	100	400
Comprehensive Skills Assessment	1	200	200
Weekly Assignments	10	10	100
TOTAL			1050

- A: (93%)
- A-: (90%)
- B+: (87%)
- B: (83%)
- B-: (80%)
- C+: (77%)
- C: (73%)
- C-: (70%)
- D: (63%)
- F: < 63%

University Policies and Resources

- a. Academic Honesty: You are expected to be familiar with and abide by the University's Honor Code. The Code can be found [here](#). It is your responsibility to see me if you have questions about these policies. George Mason University has an honor code that states the following:
To promote a stronger sense of mutual responsibility, respect, trust, and fairness among all members of the George Mason University community and with the desire for greater academic and personal achievement, we, the student members of the University Community have set forth this:
- b. Students must follow the university policy for [Responsible Use of Computing](#)
- c. Student services: The University provides range of services to help you succeed academically and you should make use of these if you think they could benefit you. I also invite you to speak to me (the earlier the better).
- d. Students are responsible for the content of university communications sent to their George Mason University email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students solely through their Mason email account.
- e. [The George Mason University Counseling and Psychological Services \(CAPS\)](#) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group

counseling, workshops and outreach programs) to enhance students' personal experience and academic performance.
Counseling Center: Student Union I, Room 364, 703-993-2380.

- f. Students with disabilities who seek accommodations in a course must be registered with the [George Mason University Office of Disability Services \(ODS\)](#) and inform their instructor, in writing, at the beginning of the semester. All academic accommodations must be arranged through that office. Please note that accommodations MUST BE MADE BEFORE assignments or exams are due. I cannot adjust your grade after the fact.
- g. Students must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.
- h. [The George Mason University Writing Center](#) staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing. University Writing Center: Robinson Hall Room A114, 703-993-1200. The writing center includes assistance for students for whom English is a second language.
- i. [Diversity](#): George Mason University promotes a living and learning environment for outstanding growth and productivity among its students, faculty and staff. Through its curriculum, programs, policies, procedures, services and resources, Mason strives to maintain a quality environment for work, study and personal growth.