

AT 6310

Emergency Management Strategies in Athletic Training Summer II 2020



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Office: Archer Building 222D

Office Hours: By Appointment Only

Course will meet online from July 13-July 24th. We will meet face to face during the weeks of July 27th-August 7th. We will complete final Practicals during the week of August 10-14.

Course Information

Course Description

This course focuses on the skills, knowledge, and preparation needed to handle real sports and fitness emergencies. Topics include emergency planning, interaction with EMS, etiology, signs and symptoms of common medical emergencies.

Course Credits

(2-2-0)

Prerequisite and Co-requisite Courses

Prerequisites:

Must be admitted into the Entry-Level MAT

Program Outcomes

Upon completion of the program of study for the Health Science Professions Program, the graduate will be prepared to:

Student Learning Outcomes

Student Learning Outcome By completing all course requirements, students will be able to:	Assignment(s) or activity(ies) validating outcome achievement:	CAATE Standard
Develop, implement, and revise policies that pertain to prevention, preparedness, and response to medical emergencies and other critical incidents.	Lectures, quizzes, exams, assignments	HCA-92
Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries; including performance of comprehensive examination.	Lectures, quizzes, exams, assignments	HCA-93, PCL 76
Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent.	Lectures, quizzes, exams, assignments	PCL-70
Evaluate and manage patients with cardiac compromise, respiratory compromise, cervical spine compromise, and traumatic brain injury.	Lectures, quizzes, exams, assignments	PCL-70.1, 70.2, 70.4, 70.5
Evaluate and manage patients with conditions related to the environment, including conditions such as exertional sickling, rhabdomyolysis, and hyponatremia.	Lectures, quizzes, exams, assignments	PCL- 70.3, 70.9; PHP-85
Evaluate and manage wound care, internal/external hemorrhage, fractures/dislocations and testicular injuries.	Lectures, quizzes, exams, assignments	PCL- 70.6, 70.7, 70.12, 70.13
Evaluate and manage patients with diabetes, those suffering from drug overdoses, and patients experiencing anaphylaxis.	Lectures, quizzes, exams, assignments	PCL- 70.10, 70.8, 70.11
Plan and implement a comprehensive preparation examination process to affect health outcomes	Lectures, quizzes, exams, assignments	PHP-81
Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.	Lectures, quizzes, exams, assignments	PHP-86
Develop an understanding of Universal Precautions/OSHA Bloodborne Pathogen Standards and how to apply them to their future practices.	Lectures, quizzes, exams, assignments	PRO-66.5

Course Delivery

This is a face-to-face course with learning resources and supplemental materials posted in [ASU's Blackboard Learning Management System](#).

Required Texts and Materials

- Casa DJ, Stearns RL. *Emergency Management for Sport and Physical Activity*. Burlington, MA: Jones & Bartlett Learning; 2015.
- Feld F, Gorse KM, Blanc RO. *Non-Orthopedic Emergency Care in Athletics*. Thorofare, NJ: SLACK Incorporated; 2020.

Communication

Faculty will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and section number in your subject line.

Grading

This course is graded strictly on points NOT percentages. The amount of points you earn determines your grade in the course. I DO NOT ROUND UP GRADES at the end of the semester. It is your responsibility to keep track of the total course points you have accumulated.

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Assessment	Points of Total Grade
2 Exams (100 pts each)	200
Comprehensive Final Exam	150
Final Practical (all skills)	200
Assignments	100
Lab Participation	100
Online Position Statements Quizzes (15pt each)	150
Total	900

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

- A = 900-810 points
- B = 809.99-720 points
- C = 719.99-630 points
- D = 629.99-540 points
- F = 539.99-0 points

Teaching Strategies

Students are expected to be “active learners.” It is a basic assumption of the instructor that students will be involved (**beyond the materials and lectures presented in the course**) discovering, processing, and applying the course information using peer-review journal articles, researching additional information and examples on the Internet, and discussing course material and clinical experiences with their peers.

Assignment and Activity Descriptions

Assignments

- **Venue Specific EAP Assignment (50 points)** - Students will pick a venue of their choice and create an appropriate and thorough emergency action plan. This plan should include (at minimum): Emergency personnel, communication, equipment, emergency transportation and venue directions with map.
- **Individualized Emergency Information Assignment (50 points)** – Often times, especially in secondary schools, Athletic Trainers are not always able to travel with patients who may have extraordinary conditions. Students will pick a non-orthopedic emergency condition of their choice and will create an appropriate and thorough “cheat-sheet” specific to the condition. This plan should include (at minimum): Causes, Symptoms (Mild to Severe), & Actions needed. This should be something that a coach or other responsible party would be able to readily access and obtain the information necessary if an emergency did occur.

Position Statement Quizzes (x10; 15 points each) The NATA publishes position statements to promote awareness of certain issues to its members. You will read each assigned position statement and then take an “open-book” quiz pertaining to each position statement. The position statements incorporated in this course do not include all of the NATA positions statements, but will focus on those relevant to material covered.

Assignment Submission

All assignments MUST be submitted through the Assignments link in the Blackboard site. This is for grading, documenting, and archiving purposes. Issues with technology use arise from time to time. If a technology issue does occur regarding an assignment submission, email me at cprocter@angelo.edu and attach a copy of what you are trying to submit. **Please contact the IT Service Center at (325) 942-2911 or go to your Technology Support tab to report the issue.** This lets your faculty know you completed the assignment on time and are just having problems with the online submission feature in Blackboard. Once the problem is resolved, submit your assignment through the appropriate link. This process will document the problem and establish a timeline. Be sure to keep a backup of all work.

Late Work or Missed Assignments Policy

Late work will not be accepted unless you have received permission from the instructor prior to the due date. If you miss an assignment due to an unexcused absence, you are out of luck.

Show up for class!

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)¹
- [Angelo State University Catalog](#)²

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Health and Human Services adheres to the university's [Statement of Academic Integrity](#).³

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁴ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)⁵ for more information.

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)⁶ for more information.

Copyright Policy

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

Syllabus Changes

The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student's responsibility to look for such communications about the course on a daily basis.

Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D. You may submit reports in the following manner:

Online: www.angelo.edu/incident-form

Face to face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.boone@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit: www.angelo.edu/title-ix.

Course Schedule

Date	On-line Lecture Topic	Assignment	Chapter
7/13	Syllabus, Safety Policies, EAPs, & Epidemiologic Data		EM- 1, 2, 15 NO- 1
7/14	Catastrophic Injuries and Preventing Sudden Death	PS Quiz #1: Preventing Sudden Death in Sports	EM- 3, 4, 5 NO- 9
7/15	Environmental Conditions		EM-6, 11 NO-7
7/16	Conditioning/Exercise Emergencies	PS Quiz #2: IAT Force for Preventing Sudden Death in Collegiate Conditioning	EM- 9, 13 NO-13
7/17	Respiratory Emergencies & Substance Abuse	PS Quiz #3: Management of Asthma	EM- 12 NO- 6, 3
7/20	Exam 1	EAP Assignment	
7/21	Anaphylaxis, Diabetes, Seizures & Shock		EM- 14 NO- 5, 8, 10
7/22	Traumatic Injuries & Abdominal Injuries	PS Quiz #4: Management of Joint Dislocations	EM-10 NO- 12
7/23	Cervical Spine and Brain Injuries	PS Quiz #5: Acute Management of Cervical Spine-Injured Athlete	EM- 7, 8
7/24	Sports Law and Sudden Death & Mass casualty Incidents	Individual Emergency Information Assignment	EM-16 NO- 2

Date	Online-Lecture Topic	Lab Topic	Assignments	Chapter
Begin Face-To-Face				
7/27		CPR Review & Airway Management	PS Quiz #6: Inter-Association Task Force for Preventing Sudden Death in Secondary Schools	
7/28	Wound Care and Bleeding Control	Wound Care and Bleeding Control Sam Justice, PA/ATC- Stitching Lab 3pm-5pm	PS Quiz #7: Management of Acute Skin Trauma	NO- 4
7/29	Exam #2			
7/30		Anaphylaxis, Diabetes, Management	PS Quiz #8: Type 1 Diabetes Management	
7/31		Environmental Emergency Management		
8/3		Seizures & Shock Management		
8/4		Concussion Sideline Testing	PS Quiz #9: Heads Up Video	
8/5		Equipment Removal	PS Quiz 10: Head Down Contact and Spearing in Tackle Football	Prentice- 12 EM- 8
8/6	Spine Boarding Lab Day		Pool	Prentice- 12 EM- 8
8/7	Spine Boarding Lab Day		Foam Pit	Prentice- 12 EM- 8
8/10	Review	Emergency Scenarios		
8/12	Final Comprehensive Exam			
8/13		Comprehensive Practical		

Student Evaluation of Faculty and Course

Students in all programs are given the opportunity to evaluate their courses and the faculty who teach them. Evaluations are most helpful when they are honest, fair, constructive, and pertinent to the class, clinical experience, or course. Faculty value student evaluations, and use student suggestions in making modifications in courses, labs and clinical experiences.

Angelo State University uses the IDEA (Individual Development and Educational Assessment) system administered through Kansas State University for all course evaluations. The Office of Institutional Research and Assessment administers IDEA for the entire university, online and has established a policy whereby students can complete course evaluations free from coercion.

1. Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
2. Learning to apply course material (to improve thinking, problem solving, and decisions)
3. Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course
4. Learning how to find, evaluate, and use resources to explore a topic in depth
5. Learning to apply knowledge and skills to benefit others or serve the public good

CAATE 2020 Standards for Accreditation of Professional Athletic Training Programs

Code	Description
HCA-92	Develop, implement, and revise policies that pertain to prevention, preparedness, and response to medical emergencies and other critical incidents.
HCA-93	Develop and implement specific policies and procedures for individuals who have sustained concussions or other brain injuries, including the following: education of all stakeholders, recognition, appraisal, and mitigation of risk factors, selection and interpretation of baseline testing, & agreement on protocols to be followed, including immediate management, referral, and progressive return to activities of daily living, including school, sport, occupation, and recreation.
PCL-70	Evaluate and manage patients with acute conditions, including triaging conditions that are life threatening or otherwise emergent. These include (but are not limited to) the following conditions:
PCL- 70.1	Cardiac compromise (including emergency cardiac care, supplemental oxygen, suction, adjunct airways, nitroglycerine, and low-dose aspirin)
PCL- 70.2	Respiratory compromise (including use of pulse oximetry, adjunct airways, supplemental oxygen, spirometry, meter-dosed inhalers, nebulizers, and bronchodilators)
PCL- 70.3	Conditions related to the environment: lightning, cold, heat (including use of rectal thermometry)
PCL- 70.4	Cervical spine compromise
PCL-70.5	Traumatic brain injury

Code	Description
PCL-70.6	Internal and external hemorrhage (including use of a tourniquet and hemostatic agents)
PCL-70.7	Fractures and dislocations (including reduction of dislocation)
PCL-70.8	Anaphylaxis (including administering epinephrine using automated injection device)
PCL- 70.9	Exertional sickling, rhabdomyolysis, and hyponatremia
PCL- 70.10	Diabetes (including use of glucometer, administering glucagon, insulin)
PCL- 7.11	Drug overdose (including administration of rescue medications such as naloxone)
PCL-7.12	Wounds (including care and closure)
PCL-7.13	Testicular Injury
PCL-71.4.a, 71.4.i	Perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice, including the cardiovascular and neurological systems.
PCL-76, 76.1	Evaluate and treat a patient who has sustained a concussion or other brain injury, with consideration of established guidelines: Performance of a comprehensive examination designed to recognize concussion or other brain injury, including (but not limited to) neurocognitive evaluation, assessment of the vestibular and vision systems, cervical spine involvement, mental health status, sleep assessment, exertional testing, nutritional status, and clinical interview
PHP-81	Develop, implement, and assess the effectiveness of programs to reduce injury risk.
PHP-85	Monitor and evaluate environmental conditions to make appropriate recommendations to start, stop, or modify activity in order to prevent environmental illness or injury.
PHP-86	Select, fit, and remove protective equipment to minimize the risk of injury or re-injury.
PRO-66.5	Practice health care in a manner that is compliant with the BOC Standards of Professional Practice and applicable institutional/organizational, local, state, and federal laws, regulations, rules, and guidelines. Applicable laws and regulations include (but are not limited to) the following: Universal Precautions/OSHA Bloodborne Pathogen Standards

End of Syllabus

¹ <https://www.angelo.edu/student-handbook/>

² <https://www.angelo.edu/catalogs/>

³ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁴ <https://www.angelo.edu/services/disability-services/>

⁵ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

⁶ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>