

**George Mason University**  
**College of Education and Human Development**  
**Athletic Training**

ATEP 460 001 Pediatric Sports Medicine  
3 Credit Hours, Fall 2019  
Tuesday 8:30-10:15am  
K. Johnson Hall 257 - Science & Technology Campus

**Faculty**

Name: Patricia M. Kelshaw, MS, LAT, ATC  
Office Hours: By Appointment  
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**Prerequisites/corequisites**

Basic knowledge of anatomy and physiology.

**University Catalog Course Description**

Examines evidence-based practices for injury prevention, sport safety, emergency preparedness, and risk management within youth and scholastic sport.

**Course Overview**

Not applicable

**Course Delivery Method**

This course will be delivered using hybrid (50% online) format.

**Under no circumstances, may candidates/students participate in online class sessions (either by phone or Internet) while operating motor vehicles. Further, as expected in a face-to-face class meeting, such online participation requires undivided attention to course content and communication.**

*Expectations*

- Participation:  
Students are expected to actively engage in all course activities throughout the semester, which includes viewing all course materials, completing course activities and assignments, and participating in course discussions and group interactions.
- Technical Competence:  
Students are expected to demonstrate competence in the use of all course technology. Students who are struggling with technical components of the course are expected to seek assistance from the instructor and/or College or University technical services.
- Technical Issues:  
Students should anticipate some technical difficulties during the semester and should, therefore, budget their time accordingly. Late work will not be accepted based on individual technical issues.
- Workload:

Please be aware that this course is **not** self-paced. Students are expected to meet *specific deadlines* and *due dates* listed in the **Class Schedule** section of this syllabus. It is the student's responsibility to keep track of the weekly course schedule of topics, readings, activities and assignments due.

- **Instructor Support:**

Students may schedule a one-on-one meeting to discuss course requirements, content or other course-related issues. Those unable to come to a Mason campus can meet with the instructor via telephone or web conference. Students should email the instructor to schedule a one-on-one session, including their preferred meeting method and suggested dates/times.

- **Netiquette:**

The course environment is a collaborative space. Experience shows that even an innocent remark typed in the online environment can be misconstrued. Students must always re-read their responses carefully before posting them, so as others do not consider them as personal offenses. *Be positive in your approach with others and diplomatic in selecting your words.* Remember that you are not competing with classmates, but sharing information and learning from others. All faculty are similarly expected to be respectful in all communications.

- **Accommodations:**

Online learners who require effective accommodations to insure accessibility must be registered with George Mason University Disability Services.

### **Learner Outcomes or Objectives**

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

1. Manipulate various prevention strategies and procedures in youth and scholastic sport.
2. Differentiate the roles and responsibilities of various care providers.
3. Organize a pre-participation evaluation screening to identify common congenital and acquired risk factors that may influence the health of those participating in physical activity.
4. Distinguish appropriate strategies recognition and management of environmental health conditions in a youth and scholastic sporting population.
5. Manipulate environmental data to inform clinical decisions.
6. Discriminate the etiology and prevention guidelines associated with the leading causes of sudden death during physical activity.
7. Examine various methods of communicating with non-medical personnel regarding a variety of sport safety issues.
8. Categorize the basic principles associated with the design, construction, fit, maintenance, and reconditioning of protective equipment.
9. Critique various rules and regulations relating to sport safety established by youth and scholastic sport governing bodies.
10. Recognize and manage responses to disordered eating or eating disorders.
11. Recommend psychosocial strategies and referral resources available to the athletic trainer to manage a variety of mental health conditions

### **Professional Standards**

The course meets Commission on Accreditation of Athletic Training Education (CAATE) competencies and proficiencies in one or more of the following content areas: evidence-based practice, prevention and health promotion, clinical examination and diagnosis, acute care of injury and illness, therapeutic interventions, psychosocial strategies and referral, healthcare administration, professional development and responsibility.

### **Recommended Text**

Casa, D. J., & Stearns, R. L. (Eds.). (2016). *Preventing Sudden Death in Sport & Physical Activity*. Jones & Bartlett Publishers.

## Course Performance Evaluation

Students are expected to submit all assignments on time in the manner outlined by the instructor (e.g., Blackboard, Tk20, hard copy).

[Further information regarding specific course assignment submission instructions may be inserted here or in one of the applicable categories below.]

- **Assignments and/or Examinations**

- **Participation (140 points):** Students must attend class in order to participate in the discussions generated by the online modules. Contribution will be evaluated based on number and quality of questions asked or answered and opinion provided when asked.
- **Online Modules (120 points):** Students must complete each online module to earn points available for each module. All online modules correspond with the following in-person lecture students are expected to apply the assignment to in-class discussions for the corresponding lectures. Online modules will become immediately available following each in-class lecture. Note: All Online Modules are due weekly on Blackboard by 11:59 PM on Sunday.
- **Hygrometer Assignment (25 points):** Students are expected to complete a hygrometer assignment, directions for the assignment will be provided.
- **Concussion Assignment (25 points):** Students are expected to complete a concussion assignment, directions for the assignment will be provided.
- **Final Examination (150):** There will be one cumulative final examination in the class. Format for the exam will be given in advance.

- **Other Requirements**

- Attendance
  - Students are expected to be on time, attend all class meetings and be prepared for in class assignments and projects. Excused absences include the following: illness (must bring a receipt or note from a doctor), family death, athletic/academic event (contact instructor in advance), and others at the discretion of the instructor. For known upcoming absences, students must contact the instructor at least one week in advance to the missed class to make up work. In the case of illness or some other unforeseen absence, the student must contact the instructor before the course meeting via e-mail or telephone. At the next attended class meeting the student will discuss material that is to be completed. ***Students will have one week from the excused absence to complete any missed assignments.*** It is the student's obligation to pursue any make-up work.
- Medical professionalism
  - 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 Family Educational Rights and Privacy Act (FERPA) and Health Insurance Portability & Accountability Act (HIPPA) regulations.
- E-mail correspondence

- Only messages that originate from a George Mason University address will be accepted. The instructor will respond to emails in the order in which they are received and may take up to 24-72 hours to respond. The following is an appropriate professional format:

Dear Ms/Mr/Dr., (*Beginning salutation*)

I am looking forward to your class. (*Text body*)

Regards, (*Ending Salutation*)

First Name Last Name (*Your name*)

- Technology use during class

- As per GMU policy, all sound emitting technology is required to be turned off during the class meeting time. Additionally, *no laptop computers, Smart Phones, or other technology* will be permitted for use during class time; the exceptions are for use during presentations/projects, and technology deemed as necessary by the Office of Disability Services. Students utilizing various technology devices during class will be asked to leave class and will not be permitted to complete course work or receive any points for assignments that day.

- **Grading**

- This course will be graded on a point system, with a total of 450 possible points.

Assessment Method	Number	Points Each	Points Total
Class Participation	14	10	140
Online Modules	12	10	120
Hygrometer Assignment	1	25	25
Concussion Assignment	1	25	25
Final Examination	1	140	140

- Grading Scale

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

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

- Grading Policies

- Every attempt will be made to grade and return assignments in a timely manner to provide students with constructive feedback. To provide students the opportunity to fully assess the feedback provided on graded assignments, the professor will be happy to answer any questions at the next class period following the return of the assignments or during the professor's office hours.
- *Disputed grades.* The professor acknowledges the passion with regards to grades, but unprofessional and uncivil behavior either in person or through other modes of communication will not be tolerated.
- *Name.* Your name **MUST** be on your assignments when you turn them in. Failure to properly list your name will result in a 0 for the assignment.

- *Make up work.* Students who are absent or who arrive late without an official university or a medical doctor's excuse will not be permitted to participate in the class activities for credit the day of the absence or tardy event. There will be no make-up quizzes or exams unless an excused absence has been warranted. Students who miss an examination, quiz or other class activity because of an excused absence must complete the assignment within a week of the excused absence. It is the student's obligation to pursue any make-up work.
- *Late assignments.* All work is due at the beginning of class time on the indicated day. No late work will be accepted and will result in a 0 grade!

### Professional Dispositions

See <https://cehd.gmu.edu/students/polices-procedures/>

### Class Schedule

Week/Day/Date				Topic	Assignment Due
1	Tues	AUG	27	Intro & The Pediatric Athlete	
	OL - Sun	SEP	1	Developing PPE & Preventing Sudden Death	Online Module #1
2	Tues	SEP	3	Developing PPE & Preventing Sudden Death	
	OL - Sun	SEP	8	Developing EAP & Environmental Concerns	Online Module #2
3	Tues	SEP	10	Developing EAP & Environmental Concerns	
	OL - Sun	SEP	15	Injury Risk in Pediatric & Adolescent Athletes	Online Module #3
4	Tues	SEP	17	Injury Risk in Pediatric & Adolescent Athletes	<b>Hygrometer Assignment</b>
	OL - Sun	SEP	22	Musculoskeletal Injury in Pediatric Athletes	Online Module #4
5	Tues	SEP	24	Musculoskeletal Injury in Pediatric Athletes	
	OL - Sun	SEP	29	Management & Prevention of Musculoskeletal Injury in Pediatric Athletes	Online Module #5
6	Tues	OCT	1	Management & Prevention of Musculoskeletal Injury in Pediatric Athletes	
	OL - Sun	OCT	6	Concussion – Recognition	Online Module #6
7	Tues	OCT	8	Concussion – Recognition	
	OL - Sun	OCT	13		
8	Tues	OCT	15	<b>Fall Break - NO CLASS</b>	
	OL - Sun	OCT	20	Concussion – Evaluation & Diagnosis	Online Module #7

9	Tues	OCT	22	Concussion – Evaluation & Diagnosis	
	OL - Sun	OCT	27	Concussion – RTP & RTL	Online Module #8
10	Tues	NOV	29	Concussion – RTP & RTL	
	OL - Sun	NOV	3	Day in the Life of a Pediatric ATC - compare contrast youth & scholastic athletes	Online Module #9
11	Tues	NOV	5	Day in the Life of a Pediatric ATC - compare contrast youth & scholastic athletes	
	OL - Sun	NOV	10	Mental Health in Pediatrics	Online Module #10
12	Tues	NOV	12	<b>Mental Health Training 9:00am – 1:00 pm</b>	
	OL - Sun	NOV	17	Mental Health Training and Policy	Online Module #11
13	Tues	NOV	19	<b>Mental Health Training 9:00am – 1:00 pm</b>	
	OL - Sun	NOV	24	Medicolegal	Online Module #11
14	Tues	NOV	26	Thanksgiving Recess - NO CLASS	
	OL - Sun	DEC	1		
15	Tues	DEC	3	Concussion Policy Presentation	<b>Concussion Assignment – Handout and PPT presentation due before class time (8:30am)</b>
	OL - Sun	DEC	8		
16	Tues	DEC	10	Reading Day	
	OL - Sun	DEC	15		
17	Tues	DEC	17	<b>Final Exam</b>	

Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

### 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/>

### GMU Policies and Resources for Students

*Policies*

- Students must adhere to the guidelines of the Mason Honor Code (see <http://oai.gmu.edu/the-mason-honor-code/>).
- Students must follow the university policy for Responsible Use of Computing (see <http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/>).
- Students are responsible for the content of university communications sent to their Mason 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.
- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <http://ods.gmu.edu/>).
- Students must follow the university policy stating that all sound emitting devices shall be silenced during class unless otherwise authorized by the instructor.

### *Campus Resources*

- Support for submission of assignments to Tk20 should be directed to [tk20help@gmu.edu](mailto:tk20help@gmu.edu) or <https://cehd.gmu.edu/aero/tk20>. Questions or concerns regarding use of Blackboard should be directed to <http://coursesupport.gmu.edu/>.
- For information on student support resources on campus, see <https://ctfe.gmu.edu/teaching/student-support-resources-on-campus>

**For additional information on the College of Education and Human Development, please visit our website <https://cehd.gmu.edu/students/>**

### Student Acknowledgement of Syllabus

I, \_\_\_\_\_, by affixing my signature below, attest to the following:

\*I have read the course syllabus for ATEP 460 in its entirety, and I understand the policies contained therein.

\*I have a clear understanding of the due dates for assignments, and I accept responsibility for knowing when due dates are approaching.

\*I am aware that failure to complete the proficiencies by the dates assigned will result in failure of the course.

\*I understand the instructor reserves the right to alter the provided schedule as necessary, and I am responsible for obtaining the most current version from Blackboard.

\*I accept responsibility for reading announcements that are sent to me via email or posted to Blackboard.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

(Student Copy: This copy should remain attached to your syllabus.)

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\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

(Instructor Copy: This copy should be signed and returned to course instructor no later than the second class meeting.)