

Prevention & Care of Athletic Injuries

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ATR2010c | Class #11518 | 3 Credits | Spring 2023

Course Information

INSTRUCTOR

Paul A. Borsa, PhD, ATC

Office: 149 FLG

Office Phone: 352-294-1726

Email: pborsa@ufl.edu (Preferred Method of Contact)

OFFICE HOURS

MWF Period 7 or by appointment

MEETING TIME/LOCATION

MWF Period 8 (3:00 - 3:50am, FLG 260)

Course Description: Prevention of athletic injuries, including protective equipment, safe facilities and proper supervision of practice and contests. Recognition, referral, and follow-up of injuries in athletics. Legal implications of athletic training.

Prerequisite Knowledge and Skills: APK2100C Human Anatomy

Course Learning Objectives: Upon completion of this course, the student will be able to:

- Appraise current literature regarding sport-related injury prevention and management
- Differentiate common signs and symptoms between common sports-related injuries
- Differentiate injury mechanisms between common sports-related injuries
- Recognize the importance of prevention strategies used to reduce sport-related injuries
- Describe the proper first aid and management of common sports-related injuries

Required and Recommended Materials:

- William Prentice: **Essentials of Athletic Injury Management** (10th ed.). McGraw Hill Education, Boston, MA, 2013. (**Recommended**)
- Lectures and lecture notes can be downloaded from UF/e-Learning (Canvas System).

Course Format: The course will primarily use a traditional classroom lecture format for scheduled class meeting times. Additional lecture material may be available to students on the CANVAS site. Some lectures may be pre-recorded and uploaded to the Modules section on CANVAS as needed. Students are expected to take notes using the lecture notes provided. Lectures notes can be found in the files section.

Course and University Policies:

Attendance Policy: Attendance and punctuality is expected and highly recommended. Make every effort to attend all lectures. Attendance will not directly affect your grade. However, some concepts will be made ONLY during class lecture (**and are not in the lecture notes**) and may be part of your quizzes and examinations.

Personal Conduct Policy: Students are expected to exhibit behaviors that reflect highly upon themselves and our University. UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor->

[code/](#)) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obliged to report any condition that facilitates academic misconduct to appropriate personnel.

Exam Make-up Policy: No makeup examinations or quizzes will be given without a serious and/or compelling reason. A student experiencing an illness should visit the UF Student Health Care Center or their preferred healthcare provider to seek medical advice and obtain documentation. If you have an illness, family emergency or death, please contact the Dean of Students Office (www.dso.ufl.edu) and follow the DSO Care Team procedures for documentation and submission of a request for make-up assignment (<https://care.dso.ufl.edu/instructor-notifications/>). The DSO will contact the instructor. Do not provide any documentation to the instructor regarding illness or family emergency. This is your personal and protected information. The DSO is qualified to receive and verify the documents you provide. The instructor will follow the recommendations from the DSO. "Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>."

Accommodating Students with Disabilities: Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting their Get Started page at <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Communication: You are responsible for checking announcements and course postings on CANVAS. This is how your course instructor will communicate with you. All course grades (quizzes and examinations) will be posted on CANVAS. Any discrepancies should be pointed out to the instructor on or before the last day of finals week.

Course evaluations: Students in this class are participating in GatorEvals. This evaluation system is designed to be more informative to instructors so that teaching effectiveness is enhanced and to be more seamlessly linked to UF's CANVAS learning management system. Students can complete their evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluer.com/ufl/>. Thank you for serving as a partner in this important effort.

Privacy: Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

For in-class recording, the following statement related to Florida's House Bill 233 is suggested but not mandatory: Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor. A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student

participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session. Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

Getting Help:

Health and Wellness

- U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575
- Counseling and Wellness Center: <https://counseling.ufl.edu/>, 352-392-1575
- Sexual Assault Recovery Services (SARS) - Student Health Care Center, 392-1161
- University Police Department, 392-1111 (or 9-1-1 for emergencies) <http://www.police.ufl.edu/>

Academic Resources

- E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. <https://lss.at.ufl.edu/help.shtml>
- Career Connections Center, Reitz Union, 392-1601. Career assistance and counseling. <https://career.ufl.edu/>
- Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.
- Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. <http://teachingcenter.ufl.edu/>
- Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. <http://writing.ufl.edu/writing-studio/>
- Student Complaints On-Campus: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/> On-Line Students Complaints: <http://distance.ufl.edu/student-complaint-process/>

Inclusion, Diversity, Equity, and Accessibility Resources

For suggestions or concerns related to IDEA, please reach out to any of the following:

- Dr. Linda Nguyen, APK IDEA Liaison, linda.nguyen@hhp.ufl.edu
- Dr. Joslyn Ahlgren, APK Undergraduate Coordinator, jahlgren@ufl.edu

Grading:

Evaluation Components (number of each)	Points Per Component	Weighting %
Lecture Exams (3)	100 pts each = 300 pts	70%
Quizzes (6 total; drop 2 lowest scores = 4)	25 pts each = 100 pts	30%
Extra Credit	0-3 points possible	0%

Quizzes: Quizzes start at the beginning of class with no exceptions. You will have 15 minutes to complete your quiz. If you miss a quiz due to lateness or absenteeism, you will not be allowed to make-up the quiz. Quiz format will be a combination of fill in the blank, multiple choice, short answer, and /or matching.

Lecture Exams: Each exam will consist of 50 questions, 2 points per question. Questions will be in multiple choice and true/false format. Students are not permitted access to any kind of materials or notes during these exams. Exam questions are generated by the course instructor and the focus should be given to the lecture notes when studying. Exams are NOT cumulative and there is no final comprehensive examination. Students will take exams in the same room where weekly lectures are held and will be allowed 50 minutes to complete the exam.

Extra Credit: Students can accrue extra credit by participating in discussion boards on CANVAS. The quantity of engagement in this activity will be noted and graded accordingly. There will be 5 discussion boards posted during the semester each worth 1 point (5 pts total). If you complete all 5 discussion boards, you will have 3 points added to your final cumulative score. Less than 5 will be prorated based on the number completed.

Extra credit points will be added to your final cumulative score after exams and quizzes have been tabulated.

Final grade = $[(\text{Exam 1} + \text{Exam 2} + \text{Exam 3}/300)(.70)] + [(\text{Quiz 1} + 4)(.30)] + \text{EC} = \underline{\hspace{2cm}}$.

Any requests for additional extra credit or special exceptions to these grading policies will be interpreted as an honor code violation (i.e., asking for preferential treatment) and will be handled accordingly.

Final grades will NOT be calculated using CANVAS. The instructor will calculate your grade using separate software and uploaded to CANVAS once the final tabulations have been made.

Grading Scale: *Quiz and exam scores will be entered or uploaded directly into CANVAS within 12-24 hrs after completion. If you feel there is an error in grade calculation please bring it to the attention of the instructor ASAP. "More detailed information regarding current UF grading policies can be found here: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>."*

Letter Grade	Percent of Total Points Associated with Each Letter Grade	GPA Impact of Each Letter Grade
A	90.00-100%	4.0
B+	87.00-89.99%	3.33
B	80.00-86.99%	3.0
C+	77.00-79.99%	2.33
C	70.00-76.99%	2.0
D+	67.00-69.99%	1.33
D	60.00-66.99%	1.0
E	0-59.99%	0

Weekly Course Schedule: *Dates are tentative; and are subject to change at the discretion of the instructor

Week	Dates	Lecture Topic
1	Jan 9-13	Introduction & Syllabus Injury Prevention Strategies – Pro-active Assignment: Watch lectures in Module 1: Pro-active & retro-active prevention strategies
2	Jan 16-20	Jan 16: MLK Jr. Day (No Classes); Injury Prevention Strategies – Pro-active & Retro-active Injury Process: Concepts of Sports Injury Assignment: Watch lectures in Module 1: Retro-active strategies and Module 2: Concepts of sports injury Extra Credit: Discussion Board 1: Due Jan 22
3	Jan 23-27	Injury Process: Concepts of Sports Injury Injury Process: Physiological & Psychological Response to Injury Assignment: Watch lectures in Module 2: Inflammatory cascade, acute pain, and therapeutic intervention/pharmacologic agents Quiz 1: Fri Jan 27
4	Jan 30-Feb 3	Injury Process: Physiological & Psychological Response to Injury (Continued) Assignment: Watch lectures in Module 2: Tissue repair and remodeling Extra Credit: Discussion Board 2: Due Feb 5
5	Feb 6-10	Injury Process: Physiological & Psychological Response to Injury (Continued) Musculoskeletal Injuries & Repair (Muscle, Bone, Joint, Tendon) Assignment: Watch lectures in Module 2: Psychological response to injury and placebo intervention Quiz 2: Fri Feb 10
6	Feb 13-17	Exam 1: Mon Feb 13 Assignment: Watch lectures in Module 3: Musculoskeletal injuries Musculoskeletal Injuries (Muscle, Bone, Joint, Tendon) Head/Face Injuries: Concussion Extra Credit: Discussion Board 3: Due Feb 19
7	Feb 20-24	Head/Face Injuries: Concussion, Eye, Ear, Nose & Mouth (Dental) Assignment: Watch lectures in Module 4: Head & face injuries Spinal Injuries: Cervical & Lumbar Extra Credit: Discussion Board 4: Due Feb 26
8	Feb 27-Mar 3	Assignment: Watch lectures in Module 5: Spinal injuries Spinal Injuries: Cervical & Lumbar (continued) Assignment: Watch lectures in Module 6: Abdominal & thoracic injuries Internal Injuries to the Thorax & Abdomen Quiz 3: Fri Mar 3
9	Mar 6-10	Assignment: Watch lectures in Module 7: Upper extremity injuries Injuries to the Upper Extremity: Shoulder Injuries to the Upper Extremity: Arm, Wrist & Hand
10	Mar 20-24	Injuries to the Upper Extremity: Arm, Wrist & Hand (continued)
11	Mar 27-31	Quiz 4: Mon Mar 27 Assignment: Watch lectures in Module 8: Lower extremity injuries Exam 2: Wed Mar 29 Injuries to the Lower Extremity: Hip/Pelvis & Thigh Extra Credit: Discussion Board 5: Due Apr 2

12	Apr 3-7	Injuries to the Lower Extremity: Thigh, Leg & Knee, Lower Leg, Ankle & Foot Quiz 5: Wed Apr 5 Assignment: Watch lectures in Module 9: Thermal injuries
13	Apr 10-14	Thermal: Heat-related and Cold-related Illnesses & Injuries Assignment: Watch lectures in Module 10: Dermatologic conditions Dermatological Conditions: Superficial Wounds
14	Apr 17-21	Dermatological Conditions: Infections & Allergic Reactions Assignment: Watch lectures in Module 11: Other medical conditions Other Medical Concerns
15	Apr 24-28	Quiz 6: Mon Apr 24 Other Medical Concerns Exam 3: Wed Apr 26
16	May 1-5	Final Exams

Mar 13-17: Spring Break (No Classes)

Success and study tips:

- Read and familiarize yourself with all aspects of the course syllabus
- During lectures whether you are viewing synchronously and asynchronously, please take impeccable notes. Recommended readings from the chapters in the textbook may also be helpful.
- All quizzes and examination questions will be taken directly from the course lectures.
- Learning over time approach will help with comprehension of course material