

University of Florida College of Health and Human Performance Department of Applied Physiology & Kinesiology Graduate Athletic Training Program

Fall 2017 Course Syllabus

COURSE INFORMATION:

ATR 6624: Athletic Training Research and Technology 1 (3 credits) Meeting Times: Tuesday 7:25-9:20 (7:00am for OSMI Lecture Series)

Thursday 8:30-9:20 (7:00am for OSMI Lecture Series)

Meeting Location: Yon Hall 11

INSTRUCTOR:

Dr. Brady L. Tripp PhD, ATC Clinical Associate Professor Director, Graduate Athletic Training Program

Office Location: FLG 148 Office: (352) 294-1725 E-mail: trippb@ufl.edu

Office Hours: By appointment

COURSE DESCRIPTION:

This course will 1) provide an introduction in evidence-based sports medicine research, 2) develop the ability to critically review literature, 3) develop professional writing and presentation skills and 4) understand diagnostic imaging technologies in sports medicine.

REQUIRED TEXTS AND MATERIALS:

All reading materials will be available on the class web page (E-Learning) or the instructor will provide soft or hard copies in person. Journal articles will be used frequently. Most articles will be available on-line, but some will need to be retrieved from various libraries on campus.

TEACHING STRATEGIES:

Course material will be presented through in-person lectures, online materials and interactive workshop formats with 3.0 contact hours per week. This class will consist primarily of class roundtable discussions and some didactic presentations.

COURSE POLICIES:

<u>Lecture</u>: Satisfactory completion of all written exams and quizzes covering materials presented in class lectures, discussions, handouts, online material and presentations are required.

<u>Competitive Paper</u>: All second-year students prepare and submit a paper in the format suitable for formal submission to the journal of athletic training. Various options for topics of the paper are discussed in class and should be approved by the instructor.

<u>Case Study</u>: All first-year students prepare and submit a case study in the format suitable for formal submission to the journal of athletic training and the NATA and SEATA free communications. It is our goal to have all abstracts accepted and presented at SEATA and NATA conferences.

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<u>Presentations</u>: Each student prepares and delivers a 10-minute presentation on their paper/case study. There will be an additional 5 minutes for discussion and questions after each presentation.

<u>Critical-Thinking Questions and Participation</u>: Each student, as part of his/her participation, is expected to ask questions. Insightful questions will be monitored during the year and contribute to participation grade. In addition, attending class, contributing to class, and useful information provided during class will be counted toward your participation grade.

<u>Examinations</u>: There will be NO make-up examinations unless exceptional conditions occur as defined in the University of Florida Undergraduate Catalog. Please see this link for more information. http://www.registrar.ufl.edu/catalog/policies/regulationattendance.html Prior permission from the professor is required. There will be a time limit for each examination. Examinations will evaluate the understanding of material from lecture, text, and other supplemental material provided.

Quizzes and Assignments: Quizzes will assess learning progress from lecture and online material and assigned readings. To ensure that students are reading the assigned material, the quizzes will be both announced and unannounced. There will be NO make-ups for missed quizzes (showing up late, etc.). Assignments are due at the onset of class on the date indicated. All assignments must be typed unless otherwise stated in the directions when the assignment was given. LATE ASSIGNMENTS WILL NOT BE ACCEPTED! If you will be traveling for a University sanctioned event and will miss an assignment due date, your assignment is due before you leave. You must notify Dr. Tripp with an explanation for missing class, in writing (email or letter), to receive an excused absence for class. Students are responsible for all materials missed as a result of an absence.

<u>Attendance</u>: Attendance is expected for all lectures and class meetings. No absences will be excused unless proper documentation is provided. Participation is a major part of this class. It is the student's responsibility to obtain and make-up missed notes and assignments.

<u>Community Outreach Experience</u>: As part of the Graduate Athletic Training Program's mission of fostering a sense of professional pride and good citizenship, each student is asked to complete 25 hours of community involvement through volunteer activities during the semester. The experiences may take place in athletic training or non-athletic training settings within the community. Students are asked to maintain and upload a journal reflecting on each experience (a few sentences or short paragraph).

Student Conduct Policy:

- All students are expected to conduct themselves in a respectful and responsible manner
- All students are expected to be on time for class
- All students are expected to turn off or silence their cell phones
- All students are expected to not participate in actions that may disrupt the class
- The instructor reserves the right to ask any student to leave the classroom, if the student violates any the above class procedures

<u>Plagiarism</u>: The use and appropriation of another's work without any indication of the source and the representation of such work as the student's own. Any student, who fails to give credit for ideas, expressions or materials taken from another source, including internet sources, is guilty of plagiarism.

All papers will be evaluated for authenticity via <u>www.turnitin.com</u>. Dr. Tripp reviews each 'originality' report as the initial quantitative screening tool for plagiarism.

See Graduate Athletic Training Program Plagiarism Policy.

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GRADING CRITERIA:

UF grading policies are available @ https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx.

Written Exams (2)	30%
Quizzes/Assignments/Participation	28%
Comp. Paper / Case Study (1)	22%
Presentation (1)	12%
Volunteer Experiences	7%
Syllabus Quiz (1)	1%
	100%

A	90 - 100
B +	87 - 89
В	80 - 86
C+	77 - 79
C	70 - 76
D	60 - 69
E	Below 60

<u>Note</u>: When the decimal is .5 or below the grade is rounded down to the nearest whole number. If the decimal is .51 or above the grade is rounded up to the nearest whole number.

COLLEGE/UNIVERSITY-WIDE POLICIES:

Academic Honesty: Academic misconduct appears in a variety of forms (including plagiarism). It is a violation of the University of Florida Honor Code. 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 obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class

Academic Assistance and Student Services: Students who are in need of academic, career, or personal counseling services are encouraged to see the academic assistance website for further information on available services (http://oas.aa.ufl.edu/).

U Matter, We Care: If you or a friend is in distress, please contact <u>umatter@ufl.edu</u> or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: http://www.counseling.ufl.edu/cwc/Default.aspx, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies, http://www.police.ufl.edu/. Sexual Assault Recovery Services (SARS): Student Health Care Center, 392-1161.

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

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

Library Support, http://cms.uflib.ufl.edu/ask. Various ways to receive assistance with respect to using the libraries or finding resources.

Student Complaints Campus: https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

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Student Responsibility for Course Prerequisites: Students are responsible to have satisfied all published prerequisites for this class. Please review the prerequisites and discuss any questions with your instructor and/or your academic adviser.

Last Day to Withdraw: To withdraw from a course it is not sufficient simply to stop attending class or to inform the instructor of your intention to withdraw. In accordance with college policy, contact your adviser to begin the withdrawal process. The last day for withdrawal from this course can be found at https://catalog.ufl.edu/ugrad/current/Pages/home.aspx.

Confidentiality: The University ensures the confidentiality of student educational records in accordance with State University System rules, state statutes and FERPA, the Family Educational Rights and Privacy Act of 1974, as amended, also known as the Buckley Amendment.

Course Evaluation: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.

COURSE SCHEDULE AND TOPIC OUTLINE:

Maintained on e-learning

Day	Date	Class	Торіс	Attend	Due
Т	8/22	1	Introduction / Syllabus / Volunteer Ideas	1,2	Syllabus Quiz due by 9:15PM Lock-down Browser needed
TH	8/24	2	1st-years: Case Study Guidelines, Searching the Literature Questions on Dx Imaging: Radiography	1	
Т	8/29	3	2nd-years: EBM Review, Critical Appraisal, Competitive Paper Guidelines Questions on Dx Imaging: Radiography	2	1st-years PubMed search
TH	8/31	4	1st-years: Evidence-based Medicine in AT Questions on Dx Imaging: MR 1, 2, 3, 4, 5	1	
Т	9/5	5	2nd-years: Systematic Review Topics Questions on Dx Imaging: MR 1, 2, 3, 4, 5	2	2nd-years Paper Topics 2nd-years Critical Appraisal video-1 2nd-years Prepare Elevator Test
ТН	9/7	6	1st-years: Case Study Writing Tips, Critical Review, Release Forms	1	
Т	9/12	7	Stats in AT Research, PPT (notes linked during class)	1	1st-years Case Report Review Exercise
TH	9/14	8	Stats in AT Research (cont.)	1	2nd-years Critical Appraisal video-2
T	9/19	9	Stats in AT Research (cont.)	1	
TH	9/21	10	QUADAS and PEDro Tools	1,2	
Т	9/26	11	Present Systematic Review Outline Grading and Peer-Review Sheets Questions on Dx Imaging: Ultrasonography, Nuclear Medicine 1 Bone Scintigraphy, 2 SPECT, 3 PET	2	1st-years Critical Appraisal video-1 2nd-years Comps Topic Outline, be prepared to present
TH	9/28	12	TBD		
Т	10/3	13	Present Case Study Paper Outline Grading and Peer-Review Sheets	1	1st-years Case Study Outline; Prepare an outline to present to the class

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			Questions on Dx Imaging: Ultrasonography, Nuclear Medicine 1 Bone Scintigraphy, 2 SPECT, 3 PET		
TH	10/5	14	TBD		
Т	10/10	15	TBD		
TH	10/12	16	Exam I	1,2	
Т	10/17	17	Exam Review We will draw for Presentation Times/Dates at 9:10 (attendance is optional)	anyone	
TH	10/19	18	Disablement Models and Clinical Outcomes Assessment to Enable E-B AT Practice Notes (linked during class)	1	
Т	10/24	19	Open / Peer-review / Feedback by Appt.	anyone	1st-years Draft#1 Case Study 2nd-years Draft#1 Comps. Paper
TH	10/26	20	Open / Peer-review / Feedback by Appt.	anyone	1st-years Presentation Peer-Review 2nd-years Presentation Peer-Review
Т	10/31	21	TBD	1,2	
TH	11/2	22	Presentations:	1,2	1st-years Final Presentation Powerpoint 2nd-years Final Presentation Powerpoint
Т	11/7		TBD		
TH	11/9	23	Presentations:	1,2	
Т	11/14	24	Presentations:	1,2	1st-years Peer-review#1 of Case Report 1st-years Draft#2 Case Study 2nd-years Peer-review#1 of Comps. Paper 2nd-years Draft#2 Comps. Paper
TH	11/16	25	Presentations:	1,2	
Т	11/21	26	Presentations:	1,2	1st-years Peer-review#2 of Case Report 1st-years Draft#3 Case Study 2nd-years Peer-review#2 of Comps. Paper 2nd-years Draft#3 Comps. Paper
TH	11/23		No Class		
Т	11/28	27	Presentations:	1,2	1st-years Final Case Study Paper 2nd-year Final Comps. Paper
TH	11/30	28	Presentations:	1,2	
Т	12/5	29	Exam II 8:30-10:30 in YH 11		Due (all): Upload Volunteer Experience Summary

^{**}Class schedule is subject to modification by the instructor

All assignments due the day of class are to be uploaded before class.

To be scheduled:

Dr. Farmer OSMI Lecture Series (7:00AM @ OSMI) Shoulder and Elbow MR VoiceThreads

Dr. Matthias OSMI Lecture Series (7:00AM @ OSMI)

Dr. Moser OSMI Lecture Series (7:00AM @ OSMI) Knee MR VoiceThreads

Dr. Horodyski (7:00AM Yon Hall 11) Appropriate Care of the Spine Injured Athlete™

Resume, Cover Letter, Interviewing

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