	University of Florida College of Health and Human Performance Department of Applied Physiology & Kinesiology Doctor of Athletic Training Program Fall 2021 Course Syllabus | Last Date Revised: 7/16/2021

COURSE INFORMATION
ATR 7628: Clinical Research in Athletic Training I (3 credits)
August 23, 2021 – December 10, 2021
Meeting Time: Thursday 8:30-11:30am
Meeting Location: Yon Hall 11

INSTRUCTOR
Christopher Brown, LAT, ATC, CSCS, OPE-C
Clinical Assistant Professor
Clinical Education Coordinator, Doctor of Athletic Training Program
Office Location: 122FLG
Office Phone: 352-294-1070
Email: cdbrown7@ufl.edu
Office Hours: By appointment

COURSE DESCRIPTION
Equips Athletic Trainers with the knowledge, skills and abilities necessary to make independent judgments about the validity, results, and application of clinical research and to implement evidence-based clinical practice in their careers. Content addressed will enhance professional writing, scholarship appraisal and application of current evidence for improved patient outcomes. *Pre-requisite: Admission into the Doctor of Athletic Training program.*

LEARNING OUTCOMES
1. Identify and examine the components and application of current evidence related to diagnostic accuracy, clinical decision-making and efficacy of clinical interventions (preventative and therapeutic).
2. Differentiate between research designs including cross-sectional, prospective cohort, and case-control.
3. Distinguish various levels of evidence and strength of recommendation information and select appropriate information for use within clinical practice.
4. Design a scholarly project suitable for submission to a peer-reviewed journal and/or sports medicine related conference presentation

REQUIRED TEXTS AND MATERIALS

Textbook	ISBN	
Research Methods: A framework for evid. based clinical practice Author: Wendy Hurley, Jay Hertel, and Craig Denegar Year: 2010, Edition: 1st	978-0781797689	Required
All other 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.		
Please view course fees (if applicable) at https://one.uf.edu/soc/		

COURSE REQUIREMENTS AND POLICIES

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. Canvas e-learning platform will provide students with content to supplement discussions, details regarding assignment expectations and grading criteria/rubrics and serve to assist the student with applicable resources for programmatic success within the Doctor of Athletic Training Program.

Examinations and Practical Examinations: 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: Quizzes will assess learning progress from lecture 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.), 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

Assignments: Assignments are due at the onset of class on the date assigned to them or submitted prior to the designated deadline in e-learning. **Please type all assignments** unless otherwise stated in the directions.   **LATE ASSIGNMENTS ARE NOT 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 me 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 because of an absence.

Scholarly Projects and Research Critiques: Throughout the course students will critically appraise current evidence and design a scholarly project/presentation. Projects, presentations and other assignments will be used to assess and apply content knowledge. Additional guidelines will be provided during class and/or within the e-Learning platform.

Attendance and Participation: Throughout the semester we may have various guest speakers' present information to the class. Your attendance at these presentations is expected; written notification of an absence (i.e., email) prior to the class is required for an absence to be excused (see university regulations as stated above). Prior preparation through chapter readings and outlining will enable active participation for productive discussions. All students are required to attend lecture and lab experiences *(please review the academic absence policy in the AT Program Student Handbook)*. Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies found in the online catalog https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

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
- All students are expected to wear a mask in the classroom and stay home if they feel unwell
- The instructor reserves the right to ask any student to leave the classroom, if the student violates any the above class procedures

Critical-Thinking Questions and Participation: 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.

Plagiarism: Defined as 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, projects/papers submitted for another course (either intentional or unintentional), is guilty of plagiarism *(please refer to the AT Program Plagiarism Policy in the Student Handbook)*.

COURSE SCHEDULE (SUBJECT TO MODIFICATION)
The course progression will tentatively follow the schedule below:

Week	Topics	Assignments
1	Syllabus and Assignments Overview of Research	Chapter 1
2	How to Read Research Scholarly Appraisal/Critiques	Chapter 2
3	Evidence Based Clinical Practice	Chapter 3
4	Ethics and Responsibility	Chapter 5-6
5	Searching the Literature Hierarchy of Evidence	Chapter 7
6	Qualitative Research	Chapter 8
7	Midterm Exam	
8	Quantitative Research Reliability and Validity	Chapter 9-10
9	Measures of Comparison	Chapter 11
10	Measures of Association	Chapter 12
11	Screening and Injury Prevention	Chapter 14
13	Treatment Outcomes	Chapter 16
15	Final Exam/Research Project	

GRADING CRITERIA

Letter Grade	Grade Points	Percentage
A	4.00	92 - 100
A-	3.67	89 - 91
B+	3.33	87 - 88
B	3.00	82 - 86
B-	2.67	79 - 81
C+	2.33	77 - 78
C	2.00	72 - 76
C-	1.67	69 - 71
D+	1.33	67 - 68
D	1.00	62 - 66
D-	0.67	60 - 61
E	0.00	Below 60

1. Research Project/Final Exam   25%
2. Midterm Exam   20%
3. Class Assignments   20%
4. Annotated Bibliography   15%
5. Organization Table and Articles   10%
6. CONSORT Research Paper Critiques and Presentations (2) 10%

COLLEGE/UNIVERSITY-WIDE POLICIES

Academic Honesty: As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." Students will exhibit behavior consistent with this commitment to the UF academic community. Academic misconduct appears in a variety of forms (including plagiarism) and may be punishable in a variety of ways, from failing the assignment and/or the entire course to academic probation, suspension or expulsion. On all work submitted for credit by students at the university, the following pledge is either required or implied: "**On my honor, I have neither given nor received unauthorized aid in doing this assignment.**" Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Faculty will not tolerate violations of the Honor Code at the University of Florida and will report incidents to the Dean of Students Office for consideration of disciplinary action. The Honor Code (https://sccr.dso.ufl.edu/students/student-conduct-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. If you have questions about what constitutes academic misconduct before handing in an assignment, see your instructor.

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://www.ufadvising.ufl.edu/

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.

Campus Resources: U Matter, We Care: Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu; a nighttime and weekend crisis counselor is available by phone at 352.392.1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

> **University Police Department:** 392.1111 or 9-1-1 for emergencies http://www.police.ufl.edu/
> **Counseling and Wellness Center:** https://counseling.ufl.edu/ 352.392.1575; *Sexual Assault Recovery Services (SARS)* Student Health Care Center, 352.392.1161.

Career Resource Center: Reitz Union, 352.392.1601, http://www.crc.ufl.edu/

Cell Phone/Text Messaging Policy: Students will not engage in text messaging or access their cellular telephones during class time. Faculty will award special considerations at his/her discretion.

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.
http://www.registrar.ufl.edu/catalog/policies/regulationconfidentiality.html

Course Grading Policy: Students will earn their course grade based on completion of coursework as outlined in the Grading Criteria listed above. Percentage calculations are rounded up at ".6 or above" and rounded down at ".5 or below". For more information regarding Grade Point Averages, Grade Values, etc. please visit the University registrar website https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/

Course Evaluations: Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Thank you for serving as a partner in this important effort. Students should provide feedback on the quality of instruction in this course by completing online evaluations. 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://gatorevals.aa.ufl.edu/public-results/.

Email and E-Learning Policy: Students are required to check their University of Florida email and E-Learning Course account daily. Dissemination of reminders and course material may occur via email or through announcements in E-Learning; it is the student's responsibility to read and respond (if appropriate). *E-learning Help Desk:* http://elearning.ufl.edu/ *Technical support:* 352.392.4357 (select option 2) or e-mail to Learning-support@ufl.edu

E-Learning Identity and Preferences: It is important to the learning environment that you feel welcome and safe in this class; and that you are comfortable participating in class discussions and communicating with me on any issues related to the class. If your preferred name is not the name listed on the official University of Florida roster, please let me know as soon as possible. I would like to acknowledge your preferred name, and pronouns that reflect your identity. Please let me know how you would like to be addressed in class, if your name and pronouns are not reflected by your University of Florida official roster name. I welcome you to the class and look forward to a rewarding learning adventure together.

You may also change your "Display Name" in Canvas. Canvas uses the "Display Name" as set in myUFL. The Display Name is what you want people to see in the University of Florida Directory, such as "Ally" instead of "Allison." To update your display name, go to one.ufl.edu, click on the dropdown at the top right, and select "Directory Profile." Click "Edit" on the right of the name panel, uncheck "Use my legal name" under "Display Name," update how you wish your name to be displayed, and click "Submit" at the bottom. This change may take up to 24 hours to appear in Canvas. This does not change your legal name for official University of Florida records.

Inclusion, Diversity, Equity, and Accessibility (IDEA) Information

The Athletic Training Program supports an inclusive learning environment and promotes diversity of thoughts, perspectives, and experiences. We value critical reasoning, evidence-based arguments, and self-reflection to support the growth of each student. Please refer to the Doctor of Athletic Training Program Policies and Procedures Manual (Canvas) for the Non-Discrimination, Equity, and Diversity Policy. 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. Rachael Seidler, APK Graduate Coordinator, rachaelseidler@ufl.edu
- Dr. Joslyn Ahlgren, APK Undergraduate Coordinator, jahlgren@ufl.edu

Last Day to Withdraw: In order 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. To view the **last day for withdrawal please visit** http://www.registrar.ufl.edu/catalog/adhub.html

Library Resources Support: http://cms.uflib.ufl.edu/ask

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.

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 advisor.

Student Complaints Process: https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/

Teaching Center: General study skills and tutoring http://teachingcenter.ufl.edu/ Broward Hall, 352.392.2010 or 352.392.6420.

Writing Studio: Formatting and writing papers assistance http://writing.ufl.edu/writing-studio/