**KINE 5394**  
Independent Study/Research in Kinesiology  
(3 credit hours)  
**FALL 2016**  
Th 8-10:50 am and 1-2:50 pm  
(Meeting times will vary with data collection)  
PEB 200

**Instructor:** Cindy Trowbridge, PhD, ATC, LAT  
**Office:** PEB 112 D  
**Office Phone:** (817) 272-3134  
**E-mail:** ctrowbridge@uta.edu  
**Office Hours:** By appointment

**Required Texts and Internet resources:**
- Refworks: [http://libguides.uta.edu/refworks](http://libguides.uta.edu/refworks)

**Course Description**
This independent study is designed to introduce the student to the concepts of scientific writing and research in sports medicine. Specific emphasis will be placed on understanding the research process and the importance of reading and interpreting scientific papers.

Course will be used for elective course for Fall 2016 MSAT program and is designed to further understanding of the role evidence based medicine in athletic training practice by using the clinical scenario of joint pain and therapeutic interventions. Topic of interest is: Thermotherapy for joint pain relief.

**Course Objectives**
1. Introduce students to the research process.
2. Introduce students to the tenets of scientific writing.
3. Completion of review of literature related to topic of interest.
4. Completion of internal review board human subjects training, conflict of interest paperwork, and lab training according to Environmental Health and Safety.
5. Completion of data collection either pilot data or approved research.
6. Completion of identified goals according to independent study contract.

**Student Learning Outcomes**
After completing this course, students should be able to:
1. Explain the research process and regulatory guidelines.
2. Write an introduction, review of literature, and methods according to the principles of scientific writing.
3. Present a critically appraised topic and critically appraised papers for supplemental education units (SEUs) to ATP students.
4. Perform data collection according to their designed project.
Tentative Evaluation:

Critically Appraised Papers
- CAP 1: 10%
- CAP 2: 10%
- CAP 3: 10%

Critically Appraised Topic Paper: 40%
Completion of IRB process for research: 15%
Presentation of Supplemental Education Unit: 15%

100%

Grading Scale: A = 90%; B = 80%; C = 70%; D = 60%; F = 59% and below

Grading

Students are expected to keep track of their performance throughout the semester and seek guidance from available sources (including the instructor) if their performance drops below satisfactory levels.

As a policy of the University of Texas at Arlington (UTA) outlined in the official Graduate Catalog, graduate credit will be given for grades of A, B, or C for work done at UTA, subject to the following conditions:
1. The student must maintain a B average in all work done in the major.
2. The student must maintain a B average in all work done in the minor.
3. The student must maintain a B average in all advanced work.

Assignments

Assignments are DUE on the posted or announced date at the beginning of class or via Blackboard submission. Late assignments are accepted but points will be deducted from the assignment. If an assignment is not completed within one week of posted due date you will receive a zero grade for that assignment.

University Policies

Grade Grievances: Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current undergraduate / graduate catalog. For undergraduate courses, see [http://wweb.uta.edu/catalog/content/general/academic_regulations.aspx#19](http://wweb.uta.edu/catalog/content/general/academic_regulations.aspx#19); for graduate courses, see [http://grad.pci.uta.edu/about/catalog/current/general/regulations/#gradegrievances](http://grad.pci.uta.edu/about/catalog/current/general/regulations/#gradegrievances).

Drop Policy: Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student’s responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships ([http://wweb.uta.edu/aao/fao/](http://wweb.uta.edu/aao/fao/)).

Disability Accommodations: UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA), and Section 504 of the Rehabilitation Act. All instructors at UT Arlington are required by law to provide “reasonable accommodations” to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the Office for Students with Disabilities (OSD). Only those students who have officially documented a need for an accommodation will have their request honored. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting: The Office for Students with Disabilities, (OSD) [www.uta.edu/disability](http://www.uta.edu/disability) or calling 817-272-3364. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at [www.uta.edu/disability](http://www.uta.edu/disability).
Counseling and Psychological Services, (CAPS) [www.uta.edu/caps/](http://www.uta.edu/caps/) or calling 817-272-3671 is also available to all students to help increase their understanding of personal issues, address mental and behavioral health problems and make positive changes in their lives.

**Non-Discrimination Policy:** The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit [uta.edu/eos](http://uta.edu/eos).

**Title IX Policy:** The University of Texas at Arlington ("University") is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated. For information regarding Title IX, visit [www.uta.edu/titleix](http://www.uta.edu/titleix) or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or [jmhood@uta.edu](mailto:jmhood@uta.edu).

**Academic Integrity:** Students enrolled all UT Arlington courses are expected to adhere to the UT Arlington Honor Code:

- I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.
- I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

UT Arlington faculty members may employ the Honor Code in their courses by having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System Regents’ Rule 50101, §2.2, suspected violations of university’s standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student’s suspension or expulsion from the University. Additional information is available at [https://www.uta.edu/conduct/](https://www.uta.edu/conduct/).

**Electronic Communication:** UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at [http://www.uta.edu/oit/cs/email/mavmail.php](http://www.uta.edu/oit/cs/email/mavmail.php).

**Campus Carry:** Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit [http://www.uta.edu/news/info/campus-carry/](http://www.uta.edu/news/info/campus-carry/).

**Student Feedback Survey:** At the end of each term, students enrolled in face-to-face and online classes categorized as “lecture,” “seminar,” or “laboratory” are directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback via the SFS database is aggregated with that of other students enrolled in the course. Students’ anonymity will be protected to the extent that the law allows. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law and aggregate results are posted online. Data from SFS is also used for faculty and program evaluations. For more information, visit [http://www.uta.edu/sfs](http://www.uta.edu/sfs).

**Final Review Week:** for semester-long courses, a period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week,
an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

**Emergency Exit Procedures:** Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit, which is located in hallway outside PEB 202 [Emergency Fire Exit Stairs]. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

| Emergency Phone Numbers: In case of an on-campus emergency, call the UT Arlington Police Department at 817-272-3003 (non-campus phone), 2-3003 (campus phone). You may also dial 911 - Address is 801 Greek Row Dr. - 2nd Floor - 202 |

| Student Support Services: UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at http://www.uta.edu/universitycollege/resources/index.php. |

Librarian to Contact
For assistance with your library needs in this course, please consult: Peace Ossom Williamson (peace@uta.edu); Central Library; 817.272.6208 or Kaeli Vandertulip (kaeli.vandertulip@uta.edu); Central Library; 817-272-5352.

The following web links are provided to help you navigate the library system.
- Find a journal: http://ns6rl9th2k.search.serialssolutions.com/
- Interlibrary Loan: https://uta.illiad.oclc.org/illiad/index.htm