

SYLLABUS FOR KINE 8970:002
SPECIAL TOPICS – EXERCISE FATIGUE
 Fall, 2012

Course Instructor: L. Bruce Gladden – 844-1466; gladdlb@auburn.edu.

Office Hours: MW – 8:00 – 9:00 am, Coliseum 2129

Meeting Place and Time: Coliseum 2043 at 3:30-6:00 pm W.

Textbook: None. We will rely mostly on scientific papers from the literature.

Format: This will be a journal club type of class. You must arrive at each class prepared to discuss the papers assigned for the day.

Each student will present several scientific papers related to exercise fatigue. Each presentation will last 12-18 minutes (MUST be in this range). The student will describe in HIS/HER OWN WORDS the background for the paper, the purpose of the paper, the methods used, the results, the conclusions, and the student's own evaluation of the paper. I recommend that PowerPoint slides be used as an aid for the presentation. Following the presentation, there will be 12-18 minutes of discussion that is moderated by the presenting student. The presenting student should attempt to keep the discussion moving. The paper to be presented must be cleared with me no later than one week prior to the scheduled presentation. The presenting student should make a copy of the paper available to the course instructor in pdf so that it can be posted on Canvas for all students in the class immediately after the paper is approved. In order to be fully prepared, presenters should read 2-3 additional papers which relate to the paper they are presenting. **All** students are to read the primary paper prior to the presentation.

Grading

Each presentation will be graded on a 100% scale. Grade for the class will be determined by the average for however many papers each student presents.

≥ 90% =	A
≥ 80 but < 90 =	B
≥ 70 but < 80 =	C
≥ 60 but < 70 =	D
< 60% =	F

Selection of Papers

In order to select a paper for presentation, I suggest that you employ one or more of the following methods (or perhaps others that I have not listed):

- A. Choose either classical or recent articles that are cited by textbooks, review articles, or standard research articles.

- B. Look through journals that include exercise physiology articles. Examples:
 Acta Physiologica Scandinavica
 American Journal of Physiology
 Canadian Journal of Applied Physiology
 Canadian Journal of Physiology & Pharmacology
 European Journal of Applied Physiology & Occupational Physiology
 International Journal of Sports Medicine
 Journal of Applied Physiology
 Journal of Physiology
 Medicine and Science in Sports and Exercise
 Muscle and Nerve
 Pflügers Archive
- C. Do a PubMed Computer search or a Google Scholar search – they allow you to use subjects, key words, combinations of key words, and authors' names.
- D. Use the Science Citation Index/Web of Science. Access this through the AU Libraries website. At the Web of Science site, you can enter an author name and a year and the site will return the articles that fit that description AND you can get a list of articles that have cited the article in question. So, the useful feature of this system is that if you find one paper that is interesting, you can use this index to see if any later publications have cited the original paper.

Curving – DO NOT request that grades be adjusted (curved).

Extra Credit – There is no scheduled extra credit in this class; there is only credit. Should “extra” credit opportunities arise, they will be offered to all students in the class.

Class Policy Statements:

There could be unannounced quizzes in this class.

Use of cell phones, similar electronic instruments, or computers, unless directly related to the class is prohibited. If you break this rule, you will be asked to leave.

Although roll will not be taken specifically, it is expected that students taking a graduate class will attend every class meeting and will actively participate in class discussions.

Please refer to the Student Policy eHandbook (www.auburn.edu/studentpolicies) for the definition of excused absences. Students are expected to show evidence of thorough reading of assigned materials. Students are responsible for initiating arrangements for missed work.

Accommodations:

Students who need accommodations are asked to electronically submit their approved accommodations through AU Access and to arrange a meeting during office hours the first week of classes, or as soon as possible if accommodations are needed immediately. If you have a conflict with my office hours, an alternate time can be arranged. To set up this meeting, please contact me by e-mail. If you have not established accommodations through the Office of Accessibility, but need accommodations, make an appointment with the Office of Accessibility, 1228 Haley Center, 844-2096 (V/TT).

Honesty Code – The University Academic Honesty Code and the Student Policy eHandbook (www.auburn.edu/studentpolicies) pertaining to Cheating will apply to this class.

Professionalism – As faculty, staff, and students interact in educational settings, they are expected to demonstrate professional behaviors as defined in the College of Education's conceptual framework. These professional commitments or dispositions are as follows: 1) engage in responsible and ethical practices, 2) contribute to collaborative learning communities, 3) demonstrate a commitment to diversity, and 4) model and nurture intellectual vitality.