**Research Methods in Physical Activity KINE 7010 section 2**

**Fall 2018**

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**Instructor:** Dr. Heidi Kluess

**Office:** 283 Kinesiology Building

**Phone:** 844-1844, no answering service! Please do not leave a message.

**E-mail:** hak0006@auburn.edu

**Office Hours:** MTW 9-10AM, or by appointment

**Credit:** 3 credit hours

**Syllabus prepared:** 7/26/18

**Class Schedule:** TTH, 12:30PM-1:45PM Student Act 241

**Course Description:** This course will focus on the process of research and will include developing a research idea, evaluating sources, understanding sampling and design to optimize validity, data processing and analysis, ethical standards to protect intellectual property and the ethics of using human and animal subjects.

**Objectives:** Graduate students are expected to demonstrate competency in the following areas:

1. Demonstrate skills in searching for, reading academic manuscripts and evaluate academic manuscripts for

valid content

2. Be able to distinguish among primary, secondary, and tertiary sources.

3. Understand how to optimize validity using sampling and research design.

4. Understand the correct use of inferential statistics.

5. Understand the ethical process of carrying out a research study.

6. Understanding how to avoid plagiarism and violating intellectual property of others.

**Required Text:** Baumgartner and Hensley. Conducting & Reading Research in Kinesiology. 5th ed. Other readings as assigned

**Student Evaluation:**

A. On line quizzes (4, 10 pts each) ………….……………………..40 points

B. Projects (5, 10 pts each) …………………………………………50 points

C. Final Exam ………………………………………….....................10 points

**Grading Scale:**

A: 90% - 100% D: 69.99% - 60.0%

B: 89.99% - 80.0% F: < 60.00%

C: 79.99% - 70.0%

**Attendance Policy:**

***Lecture participation*** Attendance is mandatory as a pre-requisite for participation. Asking thoughtful, content based questions, being involved in the review of material at the beginning of class, and being involved in the discussion during class is required for full participation points each day.

Students that are absent for any excused or unexcused reasons are expected to obtain all information necessary for successful completion of this course. I would recommend that you contact one of the students that did attend. Please do not contact me to ask if something important happened in class that day. Lecture slides are available on Canvas and the schedule for the class is attached to this syllabus and on Canvas.

***Late policy:*** All assigned work is due on the stated date during the class period. The only exception is if you talk to me before the assignment is late (start of class on the day it is due) and negotiate a new due date with me.

Failure to do so will result in a **ZERO** on the assignment. The only appropriate excuses for failing to inform me ahead of time are: you were unconscious, you were unable to speak or type as a result of a medical condition, or you were in jail and didn’t want to use your one phone call on me.

**Projects:** All projects will be uploaded to Canvas. Please take care that the file you upload is the one that you want me to grade and your complete assignment is included. Once I have graded the assignment I will not allow resubmissions.

**Quizzes:** Quizzeswill be online (Canvas) and will be a combination of short answer, problem solving, multiple choice, fill-in-the-blank and essay questions. Questions will be applications of concepts from the text and the notes.

**Final Exam:** The final exam will be cumulative.

***Extra Credit:*** Your class is participating in the online College of Education research participation system, SONA. If you are under 18 years of age you must get your parents’ consent to participate in each study. Forms are available online. You may earn a maximum of 5 points of extra credit points in this class by participating in **College of Education** studies (extra credit points are variable depending on the type of study: online/questionnaire=0.5 pts, lab studies=0.5 pts per hour of participation) or attending a physiology related seminar (0.5pts if you write at least 2 paragraphs about the talk).  **For the study or seminar YOU must send me an email detailing what you did.** The deadline for turning in extra credit is before you take the final in this class. If you sign up for a study that has appointments, you are expected to attend. If you need to cancel, follow the directions for cancelling an appointment for that study. Please attend to cancellation deadlines for that study. If you fail to do so you will be marked as a “no-show” in SONA. Two “no-show” designations will result in you being locked out of SONA for the semester and you will not be able to receive extra credit through research participation for that semester. <https://auburn-education.sona-systems.com>.

**Academic Integrity Policy:** The Auburn University student academic honesty code Title XII found on the University Policies webpage (<https://sites.auburn.edu/admin/universitypolicies/default.aspx>) applies to this class. All academic honesty violations or alleged violations of the SGA Code of Laws will be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.

There is some writing in this class and I expect strict adherence to appropriate citations and correct paraphrasing (verb and the sentence structure must be changed). All work must be your own.

All projects in the class are your individual work. You may NOT work together in groups or share your answers with others. If you have a question about the assignment, you should address the question to Dr. Kluess. Any evidence that work was shared will be considered academic dishonesty and will be reported to the Provost Office.

**Disability Accommodations:** Students who need accommodations are asked 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 PSD office, but need accommodations, make an appointment with The Program for Students with Disabilities, 1228 Haley Center, 844-2096 (V/TT).

**Professionalism:** As faculty, staff, and students interact in professional settings, they are expected to demonstrate professional behaviors as defined in the College’s conceptual framework. These professional commitments or dispositions are listed below: Engage in responsible and ethical professional practices

o Contribute to collaborative learning communities

o Demonstrate a commitment to diversity

o Model and nurture intellectual vitality

**University class cancellation**: Should the University cancel classes due to weather or other type of emergency, please see Canvas and your auburn e-mail for assignments.