**Research Methods in Physical Activity KINE 7010 section 1**

**Fall 2013**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Instructor:** Dr. Heidi Kluess

**Office:** 283 New Kinesiology Building

**Phone:** 844-1844

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

**Office Hours:** TTH 8-9AM, or by appointment

**Credit:** 4 credit hours

**Syllabus prepared:** 7/31/13

**Class Schedule:** TTH 12:30-1:45PM, COLSM 2116

**Course Description:** This course will focus on the process of research from developing an idea to writing a grant or manuscript. We will also cover research issues such as ethics, budgets and polices, human and animal subjects, and developing your own plan for your future.

**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

style and content

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

3. Understand the misconceptions that can sometimes result from the popular press writing about science.

4. Experience writing about science to a lay audience.

5. Understand what types of research are performed in Kinesiology and the types of data and data processing

that takes place

6. Understand the basics of sampling and data analysis

7. Understand current issues regarding ethics in science and how that relates to the process of scientific

inquiry.

**Required Text:**

Pyrczak. Evaluating Research in Academic Journals, 4th edition

Orcher. Conducting Research: Social and Behavioral Science Methods.

Harris. Using Sources effectively, 3rd edition

Pyrczak. Making Sense of Statistics, 5th edition

Pyrczak. Completing your thesis or dissertation (optional)

Other readings as assigned

**Student Evaluation:**

A. Projects (6, 10 pts each)………………………….60 points

B. Quizzes on Canvas (8, 2 pts each)…………..….16 points

C. Questions for researchers ……………………….10 points

B. Final exam………………………………………….14 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:**

***Class attendance*** Attendance is mandatory as a pre-requisite for participation. I will not take attendance, but many of the assignments are due in class and required to participate in the projects or discussions. 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 what happened in class that day. A detailed schedule for the class is attached to this syllabus.

***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.

**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 a great deal of writing in this class and I expect strict adherence to appropriate citations and correct paraphrasing (verb and the sentence structure must be changed). It is very rare to quote in scientific writing; therefore, quoting is not acceptable. All work must be your own.

In this class, data will often be collected in groups. In order to get full credit for the project, **you must be present** for the data collection. If you have a documented, university-approved absence on a data collection day, you must talk to me to receive a make-up (within one week of the day missed). You **MAY NOT** get the data from the other people in your group without my permission.

Any violation of this will be considered cheating and will be subject to the rules and procedures stated in the academic honesty code.

**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