**Adv Physiology of Exercise**

**(KINE7680-001) Course Syllabus**

**Spring 2017**

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**Instructor:** Dr. Heidi Kluess

**Office:** 283 New Kinesiology Building, 301 Wire Rd

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

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

**Office Hours:** MWF 1-2PM

**Credit:** 3 credit hours

**Syllabus prepared:** 1/2017

**Class Schedule:** TBD

**Course Description:** This course will focus on basic energy, musculoskeletal, nervous, and cardiovascular systems as they relate to aerobic and anaerobic exercise. Emphasis will be placed on the adaptations of these systems to training.

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

1. A general knowledge of the bioenergetics systems and their functions during specific exercises
2. A general knowledge of the adaptations of the bioenergetics systems to specific training programs
3. A general knowledge of various organ systems and their functions during exercise and adaptations to specific training programs

**Required Text:** Powers and Howley. Exercise Physiology: Theory and Application to Fitness and Performance, 2012, 9th ed.

**Student Evaluation:**

The course will involve the student developing powerpoints and materials to teach the content to me.

This syllabus serves as a contract to identify what is required for a given course grade. Each student is welcome to engage in open discussion with the instructor about matters of clarification/alteration.

**Grading Scale:**

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

B: 89.99 - 80.0 points F: < 60.00 points

C: 79.99 - 70.0 points

**Attendance Policy:**

The student must attend all scheduled classes. The student and I will determine what time and day each week that we will meet.

**Academic Integrity Policy:** The Auburn University student academic honesty code Title XII ([https://sites.auburn.edu/admin/universitypolicies/Policies/AcademicHonestyCode.pdf](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. All quizzes (in-class and Canvas) must be the work of the individual. Sharing questions or answers is a violation of 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

**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.