**Physiology of Exercise Laboratory**

**(KINE3681-002) Course Syllabus**

**Fall 2020**

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**Instructor:** Bradley Ruple

**Office: Room** 260 Kinesiology Building, 301 Wire Rd

**E-mail:** bar0049@auburn.edu

**Office Hours:** By appointment only

**Class Schedule:** *ONLINE*

**Meeting Location:** *ONLINE*

**Course Description**

This course will focus on applying your knowledge of basic energy, musculoskeletal, nervous, and cardiovascular systems using various testing procedures. The course content will emphasize understanding the physiology testing related to exercise, how to interpret common physiological fitness tests, and how to write about your findings using the basics of scientific writing techniques.

**Attendance Policy**With the lab being online, the normal attendance policy does not apply. Students will have 2 weeks to complete each lab. If there are extenuating circumstances in which a student cannot complete the lab in the 2-week time frame, students will be expected to notify the instructor regarding the excused absence. Students will be expected to provide proper documentation regarding the excused absence, which please refer to the Student Policy eHandbook ([www.auburn.edu/studentpolicies](http://www.auburn.edu/studentpolicies)) for the definition of excused absences. Make-up work will be re-scheduled for any excused absence once the documentation has been provided. If the student fails to provide proper documentation regarding the **excused absence *within one week of the missed lab***, then they will be counted as absent and receive a zero for any missed assignments. Students who are absent due to an unexcused absence will not be allowed to make-up quizzes or obtain data for the respective lab missed and will receive a zero for any missed assignments.

**Disability and Other Accommodations**Students who need special accommodations in class, as provided by the Americans with Disabilities Act, should follow university-approved procedures. If you need assistance, make an appointment with the Program for Students with Disabilities, 1244 Haley Center 844-2096. Accommodations for examinations should be discussed with the instructor at least one week prior to the scheduled examination.

**Honesty Code**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. In this class, data will often be collected in pairs or groups. Exchanging raw data from the lab is acceptable if you were present to assist in data collection. However, all data processing, analysis and write up must be individual. Therefore, you may not collaborate on lab assignments, data processing, or data analysis. Any evidence that this has occurred will be considered academic dishonesty and reported to the Office of the Provost. The minimum penalty will be a zero on the assignment. You also may not use the data of other students to complete your lab report. All data for lab reports must be data that you participated in collecting. If you have a documented, university-approved absence on a data collection day, you must schedule a meeting to procure data for the absence lab. You MAY NOT get the data from other students in your group without proper permission.

**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 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.

**Grading Rubric:**

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| --- | --- | --- |
| **Assignments** | **Description** | **Points** |
| Syllabus Quiz | Syllabus Acceptance Quiz **(1)**\*10 points  | 10 / 1% |
| Pre-Lab Quizzes | Pre-lab Quizzes **(6)**\*40 points each | 240 / 24% |
| Canvas Assignments  | Worksheets **(6)\*7**0 points each | 420 / 42 % |
| Participation | Participation **(6)**\*20 points each | 120 / 12 % |
| Lab Final | Cumulative Final Exam **(1)** | 210 / 21% |
| **Total** | **-** | **1000 / 100%** |

**Grade Distribution:**

A = 100 – 90%

B = 89 – 80%

C = 79 – 70%

D = 69 – 60%

F = Below 60%

**NOTE: The instructor will round grades that are .50 from the next highest letter grade (i.e. an 89.50 will round to an A). However, NO grades below this number will be rounded (i.e. an 89.49 will be given a B). Please do not ask the professor to round your grade at the end of the semester if it does not fit this criterion. Any requests for extra credit or special exceptions to these grading policies will be interpreted as an honor code violation (i.e., asking for preferential treatment) and will be handled accordingly.**

**Extra Credit:**There is opportunity for extra credit in this class. Students should read and follow instructions for extra credit under the assignments tab on Canvas.

**Class Schedule**

*\* Schedule is subject to change*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week of (Su)** | **Lab** | **Related Assignments** | **Open Date** | **Close Date** |
| 8/16 | Introduction to Lab  | Syllabus Quiz | 8/17 @ 12am | 8/22 @11:59pm |
| 8/23 | Lab 1 : The Basics | Lab 1 Pre-Lab QuizLab 1 Canvas Assignment | 8/23 @ 12am8/23 @ 12am | 9/5 @ 11:59pm9/5 @ 11:59pm |
| 8/30 | NO LAB (work on 1) |  |  |  |
| 9/6 | Lab 2: Body Composition | Lab 2 Pre-Lab QuizLab 2 Canvas Assignment | 9/6 @ 12am9/6 @ 12am | 9/19 @ 11:59pm9/19 @ 11:59pm |
| 9/13 | NO LAB (work on 2) |  |  |  |
| 9/20 | Lab 3: Work and Power | Lab 3 Pre-Lab QuizLab 3 Canvas Assignment | 9/20 @ 12am9/20 @ 12am | 10/3 @11:59pm10/3 @11:59pm |
| 9/27 | NO LAB (work on 3) |  |  |  |
| 10/4 | Lab 4: VO2  | Lab 4 Pre-Lab QuizLab 4 Canvas Assignment | 10/4 @ 12am10/4 @ 12am | 10/17 @ 11:59pm10/17 @ 11:59pm |
| 10/11 | NO LAB (work on 4) |   |  |  |
| 10/18 | Lab 5: Wingate | Lab 5 Pre-Lab QuizLab 5 Canvas Assignment | 10/18 @ 12am10/18 @ 12am | 10/31 @ 11:59pm10/31 @ 11:59pm |
| 10/25 | NO LAB (work on 5) |  |  |  |
| 11/1 | Lab 6: Force and Velocity | Lab 6 Pre-Lab QuizLab 6 Canvas Assignment | 11/1 @ 12am11/1 @ 12am  |  11/14 @ 11:59pm11/14 @ 11:59pm |
| 11/8 | NO LAB (work on 6) |  |  |  |
| 11/15 | Final Review (?) | Extra Credit Due (via email) |  8/17 @ 12am | 11/21 @ 11:59pm  |
| **11/22** | **Final Exam** | **Final Exam** | **11/22 @ 12am** | **11/24 @ 11:59pm** |