

Human Physiology Laboratory (KINE 305L)
Spring 2019, Adair 108

Instructor: Ashleigh Everhardt Queen, MS

Email: Aeeverhardt@wm.edu

Office: Adair 115-A, Office hours Tuesday 11-1 or by appointment. I am often able to help students during other lab sections – please email if you intend to stop by during another lab section.

Phone: 757-221-2777

Communication: Email is the best way to reach me. Monday through Friday, I will reply to all emails within 24 hours. On weekends and holidays please allow 48 hours for a response. I will not answer emails between the hours of 6pm and 6am. When writing emails, please use the appropriate method of addressing your emails with a “Subject” and signing your name to complete the email. Any emails you send me should not resemble text messages to your friends – if they do, you will not receive a response.

Course Description: This laboratory is designed to give students hands-on experience in topics related to human physiology. Participation is a key component of this course. You will be responsible for turning in lab exercises every week on the activities that we do in lab. In addition you will be quizzed periodically throughout the semester on the material prior to the final exam, which will cover all topics. Attendance is key to success in this course!

NO CELL PHONES are to be used during the lab unless I specify for timing purposes only. Please turn them off or place them on silent when you come to class.

Textbook: Custom Text KINE 305: Human Physiology Lab – Selections from Tharp, G.D. and D.A. Woodman. 2011. *Experiments in Physiology*. 11th edition. Prentice Hall Inc. ** Available in the College of William & Mary Bookstore

Website: Blackboard – all class documents and communications will be available here. Please check Blackboard at least once every day as I do post important course announcements on the page. You are responsible for any information that is on the site.

Student Accessibility Services - It is the policy of The College of William and Mary to accommodate students with disabilities and qualifying diagnosed conditions in accordance with federal and state laws. Any student who feels s/he may need an accommodation based on the impact of a learning, psychiatric, physical, or chronic health diagnosis should contact me privately to discuss your specific needs. Students will also need to contact Student Accessibility Services staff at 757-221-2509 or at sas@wm.edu to determine if accommodations are warranted and to obtain an official letter of accommodation. For more information, please see www.wm.edu/sas.

Absences – If you have to miss a lab due to an extenuating circumstance (university event, athletics, illness, etc), please communicate this to me via email as soon as possible, PREFERABLY PRIOR TO YOUR ABSENCE. Arrangements for making up labs or missed assignments will be made with students on a case by case basis. If you have an extenuating circumstance that you know about prior to class, I ask that you contact me PRIOR to missing the class period or assignment. If you have something arise on the day of lab, please contact me at your earliest convenience so that we can make arrangements.

Writing Center - The Writing Resources Center, located on the first floor of Swem Library, is a free service provided to W&M students. Trained consultants offer individual assistance with writing, presentation, and other communication assignments across disciplines and at any stage, from generating ideas to polishing a final product. To make an appointment, visit the WRC webpage www.wm.edu/wrc.

The WRC opens for the Spring semester on Monday, January 29th.

Observance of Religious Holidays - If you plan to miss class for the observance of a Religious Holiday, please inform the instructor as soon as possible so that alternate arrangements for material instruction and assignments can be made. This may be communicated via email.

William & Mary Honor Code - The College of William & Mary has had an honor code since at least 1779. Academic integrity is at the heart of the university, and we all are responsible for upholding the ideals of honor and integrity. The student-led honor system is responsible for resolving any suspected violations of the Honor Code, and I will report all suspected instances of academic dishonesty to the honor system. The Student Handbook (www.wm.edu/studenthandbook) includes your responsibilities as a student and the full Code. Your full participation and observance of the Honor Code is expected ON ALL ASSIGNMENTS. Unless otherwise stated, the work in this course is to be completed individually. To read the Honor Code, see www.wm.edu/honor

Evaluation:

Class Participation: 5% - 1% for each lab

- Attendance – You must remain the entire lab.
- Completion of labs – participation with your group will be expected in this lab.

Quizzes: 20% -

- 4 throughout semester - conducted through Blackboard - LATE SUBMISSIONS WILL RECEIVE AN AUTOMATIC ZERO.
- These will be on any topics prior to the quiz, but not on material that we will cover the day of the quiz.
- Each quiz is worth a total of 5% of the grade.
- Each quiz will be made of a maximum of 10 questions.

Lab Assignments: 25%

- To be turned in the week after lab is completed.
- These will be made up of a combination of the questions in the book and supplemental questions that I will provide on Blackboard.
- Graded for CORRECTNESS. Please take these seriously, as this is not a simple completion grade.
- Late work will be docked one point (out of 100%) for each day late, for up to 7 days. After 7 days, the assignment will not be accepted and you will receive a “0”, unless there is a documented reason for absence (note from doctor, etc.).

Lab Report: 25%

- One per semester
- Specific guidelines will be on Blackboard.
- This is a formal lab report. I will review what this means in class, but this will include sources and citations, as well as figures and tables.

Final Exam: 25%

- Comprehensive exam covering all lab topics.

Grading Scale – The grades in this course will be given based on the following scale. All final grades are rounded to the nearest whole number (ex: 84.4 becomes an 84; 84.5 becomes an 85). In the event of a curve, I will post on Blackboard the change to the scale.

A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	Below 60

General Lab Schedule

Class	Topic	Textbook Sections
1	Unit Conversion, Acid-Base, and Histology	p.1-11
2	Reflex and Sensory Physiology	p.23-64
3	Movement through Membranes	p.13-28; Kidney Dialysis Handout
4	Cardiovascular Physiology- Blood Pressure	p.65-87
5	Cardiovascular Physiology - ECG	Handout
6	Muscle Physiology	Handout
7	Respiratory Physiology	p.89-108; Computer Exercises
8	Digestion	p.109-116
9	Renal Physiology	p.117-126
10	Blood Physiology and Glucose Tolerance	p.127-159
11	FINAL EXAM	