



FORDHAM UNIVERSITY

THE JESUIT UNIVERSITY OF NEW YORK

**Human Physiology (BISC 3142) Laboratory Syllabus
Summer 2019 Session II**

Instructor: Justin Pool, M.S., Ph.D.

Class Schedule:

Lab: Tuesday 1PM - 4 PM
Wednesday 1PM - 4 PM
Thursday 1PM - 4 PM
Freeman Hall 310

Office Hours: Mondays 12PM to 2PM, or by appointment (Please email before coming)
Email: JPool1@fordham.edu
Rose Hill Office: Larkin Hall 370B

Grading:

Lab Course:

Research/Poster project	80 points
Midterm Exam	100 points
Final Exam	100 points
Lab homework	60 points
Lab Report	20 points
Quizzes	20 points
Participation	<u>20 points</u>
TOTAL	400 points

Lab exams: There will be two equally weighted lab exams – a midterm and a final. The final exam will NOT be cumulative (so essentially these will be two midterms). There may be some concepts from the first half of the course that may be seen on the final exam (i.e. homeostasis). **Students absent during exams without prior approval from the instructor will get a score of zero for the exam.**

Research Project/Poster Project: There will be an in-class presentation during the first week of December, following the final exam, where you will be able to present your research projects. The research projects will either be full grant proposal or a research project based on a disease of interest. The disease paper will be written from the perspective of the disease and for a lay audience. You will be given detailed instructions as well as a rubric on Blackboard.

Journal Club/Participation: You will be given research papers to read in the beginning of the semester. You will also be given questions about the paper that you must answer. This will be an exercise in critically reading a scientific paper and its findings. We will then discuss the paper in groups in the lab. Throughout the semester you are expected to participate in lab exercises as well as the pre-lab lecture.

Attendance

You are required to attend all laboratory exercises. **If a student is absent from an exam without prior approval from the instructor, he/she will receive a grade of 0 for that exam; he/she can take a makeup exam if a letter from a physician is presented stating that he/she was too ill to attend class on the day of the exam.** Ten points will be deducted from the

course total for each laboratory period not attended. If you miss a lab it is your responsibility to get the material covered in the class and learn it.

Academic Integrity Policy

The Fordham College policy on Academic Integrity will be strictly enforced in both the lecture and lab courses. I do not tolerate cheating. Any cases of cheating will result in a 0 on the assignment and may face sanctions from the respective Dean.

Laboratory Rules:

1. No eating, drinking or smoking in the laboratory.
2. Any injury must be reported to the instructor.
3. Some laboratory exercises require that the students make measurements on themselves. If you have a medical condition that you feel may be aggravated by the exercise, please inform your instructor. No one will be compelled to perform an exercise if it will adversely affect his/her health.
4. Please take all wearable technology off during exams!

Schedule

Date	Day	Laboratory
07/02	Tues	No Lab Scheduled
07/03	Wed	No Lab Scheduled
07/09	Tues	Introduction & Homeostasis
07/10	Wed	Journal Club & Membrane Transport
07/11	Thurs	Endocrine Lab
07/16	Tues	EEG
07/17	Wed	BioPac GSR & Reaction Time
07/18	Thurs	Biopac EMG
07/23	Tues	LAB EXAM I
07/24	Wed	Biopac EKG & BP
07/25	Thurs	Respiration
07/30	Tues	Urinalysis
07/31	Thu	Immune System Lab & Rat Dissection
08/01	Thurs	PRESENTATIONS
08/06	Tues	LAB FINAL EXAM

Office of Disability Services for Students (ODS): Please see me if you have any special needs*. If you are a student with a documented disability and require academic accommodations, you need to register with the ODS to request academic accommodations for your courses. Please contact the main ODS office Rose Hill, O'Hare Hall, Lower Level, x0655; Lincoln Center, Lowenstein 408, x6282; www.fordham.edu/dss & disabilityservices@fordham.edu. Staff at ODS can walk you through the process and arrange appointments depending on which campus you take courses at. Accommodations are not retroactive, so it is imperative that you register with ODS prior to any examinations. Please see me after class or during office hours if you have questions or would like to submit your academic accommodation letter to me if you already registered for accommodations with Fordham.