This laboratory course is designed to enhance your understanding of physiological concepts in Endocrinology, Gastroenterology, Respiration, and Renal Physiology. The tentative laboratory schedule will be as follows:

January 14: Introduction, BMR
January 21: BMR
January 28: Endocrinology: Glucose Tolerance Tests (BMR LAB REPORT DUE)
February 4: Endocrinology: Drylab
February 11: Respiration A/Respiration Simulation (B) (INSULIN LAB REPORT AND ENDOCRINOLOGY PHYSIOEX QUIZ DUE)
February 18: Respiration B/Respiration Simulation (A)
February 25: Respiration Case Study (all)
March 11: Renal Lab A/Renal Simulation (B) (RESPIRATION REPORT, CASE STUDY, AND PHYSIOEX DUE)
March 18: Renal B/Renal Simulation (A)
March 25: GI Problem Session and Review (RENAL REPORT AND PHYSIOEX DUE)

Reading Week: March 2-6

Attendance at all laboratories is mandatory. An absence (except for medical reasons supported by a doctor’s note) will result in a 0% for the lab report. For each physioex quiz, ensure that you send a copy of your result to yourself.

The format of the laboratory report will vary, and will be discussed during each laboratory exercise. Late labs will not be accepted, unless accompanied by a doctor’s note for the week following the lab.

**Evaluation.**
5% Preparedness and Punctuality
10% Endocrinology Lab
30% BMR Lab
20% Respiration Lab
10% Respiration Case Study
20% Renal Lab
10% PhysioEx Quizzes

The BMR lab report must be written up independently, since everyone will have their own data to analyse. Plagarism from other students or the web will result in a 0 for the lab report.

All other reports can be written up in pairs if desired and one copy submitted. It is in your own interest to make a copy of the corrected lab report for the other student.