HUMAN PHYSIOLOGY LAB
BIPN 105 (Fall, 2021)

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INSTRUCTIONAL ASSISTANTS:

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All class related emails should come from your UCSD email account (***@UCSD.edu).

The purpose of this course is to review physiology concepts and their applications through demonstrations of physiology experiments. This course is a companion to BIPN 100 (and BIPN 100 is a prerequisite).

This course will be taught entirely online. Its general format will include.

1). Weekly lectures (usually two of them) that will be posted on Canvas (on the Saturday before each week starts). One lecture (called "Physiology Lecture" in the schedule) will review the week's physiology. The second lecture (called "Lab Lecture" in the schedule) will demonstrate the week's experiment and results. You should watch the Physiology Lecture and do the relevant lab manual reading before watching the Lab Lecture.

Each lecture will be posted in three versions:

a). Narrated PPT files (in the module entitled "narrated PPTs") that you can download and listen to on your computer (**the files must be downloaded to hear the narration – not viewed in Canvas**).

b). MP4 files in "My Media" which can be viewed from Canvas.

c). PDF files (in the module entitled "PDFs") that don't have the narration but are easy to read.

2). Office hours/sections will be held through Zoom on Mondays, Tuesdays, and Wednesdays (see the office hours/sections list). You can attend any of the office hours or sections that you want.

3). Weekly assignments will be posted/submitted on Canvas.

TEXTBOOK: Human Physiology, Silverthorn, 8th edition (digital access through Canvas)

The schedule includes readings from this book but you do not need to use this specific book for this class. You can use whatever resource you want (online info, other textbooks, other editions - a 7th edition reading list is also provided).

You do not need to get the BIPN 105 lab manual for this class. The relevant sections from the lab manual are posted on Canvas. There is a lot of details in the lab manual. You are only responsible for the details of the lab setups that are covered in the lectures. Many of the questions on the assignments will have to do with the data that is generated during an experiment (and shown in the Lab Lecture).

COURSE GRADE:

Your grade in this class is based on your scores on the assignments:

Assignment #1 = 0 points
Assignment #2 = 100 points
Assignment #3 = 100 points
Assignment #4 = 100 points
Assignment #5 = 100 points
Assignment #6 = 100 points
Assignment #7 = 100 points
Assignment #8 = 100 points

lowest score from Assignments #2 - #8 will be dropped

Assignment #9 = 0 points (there is no assignment #9)

Assignment #10 = 300 points

Total = 900 points