ANIMAL PHYSIOLOGY LAB
BIPN 105 (Fall, 2020)

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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 (usually on the Saturday before each week starts).

Each lecture will be posted in three versions:
  a). Narrated PPT files (in the modules entitled "narrated versions") 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 modules entitled "pdf versions") that don't have the narration but are easy to read.

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.

2). Office hours/sections will be held through Zoom on Mondays, Tuesdays, and Wednesdays (see the office hours/sections list).

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

TEXTBOOK: Human Physiology, Silverthorn, 8th edition

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 (other textbooks, online info, Silverthorn 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 only need to know the material that matches what is covered in the Lab Lecture. 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). You are not responsible for the details of the lab setups (connections, settings, etc.).

COURSE GRADE:

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

Assignments #2 - #9 are each worth 10% of the course grade
(Assignment #1 is worth 0 points and there isn't an Assignment #8)

Assignment #10 is worth 30% of the course grade