

## **BIOD33: Comparative Animal Physiology**

**Summer 2021**

**Course Instructor:** Dr. Stephen Reid; [sgreid@utsc.utoronto.ca](mailto:sgreid@utsc.utoronto.ca)

**Lecture Time and Place:** On-line. Officially synchronous on Thursdays from 10-12 but in reality they are asynchronous. The lectures can be viewed at any time. There is nothing happening on Thursday from 10-12.

**Stephen Reid's Office Hours:** There will be no in-person office hours due to the current state of emergency and the closure of the university to all but essential personnel. Questions can be sent at any time via e-mail. We can also arrange to talk by phone if necessary.

**Teaching Assistant: TBA**

**Recommended Textbook:** Animal Physiology by Hill, Wyse and Anderson. Sinauer. The textbook isn't necessary. I will provide notes to accompany each lecture. If you do wish to purchase a textbook please check with the bookstore to determine how to go about this. They do have some copies.

### **Evaluation**

**Assignment #1: "Inside/Outside JEB-Style Summary Article"; 10%:** Instructions will be posted on the assignment page on Quercus.

**Assignment #2: "Climate Change and Animal Physiology/Function"; 20%:** Instructions will be posted on the assignment page on Quercus.

### **Midterm Exam, 30%**

This exam will cover the material from lecture 1 to approximately lecture 12. It will cover respiratory physiology plus the hearts and circulatory systems (cardiovascular physiology) which may spill over into lecture 13.

The exam will be in two parts.

**First,** I will give you written-answer questions in advance of the scheduled exam. You will have to answer these questions in advance of the exam and then submit them at exam time. I may give different questions at different times during the time before the exam with harder questions being given earlier than easier ones.

**Second,** there will be multiple choice questions that will be answered on Quercus during the schedule exam period.

This format is essentially separating the multiple-choice questions from the written-answer questions. The reason for doing this is to maintain academic integrity in the course.

### **Final Exam, 40%**

The final exam will cover the entire course with most of the questions coming from lectures 13-22. A breakdown of the exam questions will be provided prior to the exam. The format will be similar or the same as the midterm.

### **Policy Regarding Illness, Term-Work and Self-Declaration**

Unless otherwise noted, the UTSC-wide policy regarding self-declaration for missed term-work is still in effect as is the requirement to submit medical notes to Jennifer Campbell in the biology office if you miss the midterm exam.

**Accessibility Statement:** *"Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office as soon as possible. AccessAbility Services staff (located in Rm AA142, Arts and Administration Building) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations 416-287-7560 or email [ability@utsc.utoronto.ca](mailto:ability@utsc.utoronto.ca). The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course."*

**Academic Integrity Statement:** *"The University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters (<http://www.governingcouncil.utoronto.ca/policies/behaveac.htm>) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences. Potential offences in papers and assignments include using someone else's ideas or words without appropriate acknowledgement, submitting your own work in more than one course without the permission of the instructor, making up sources or facts, obtaining or providing unauthorized assistance on any assignment. On tests and exams cheating includes using or possessing unauthorized aids, looking at someone else's answers during an exam or test, misrepresenting your identity, or falsifying or altering any documentation required by the University, including (but not limited to) doctor's notes."*