Students requiring accommodations as a result of a disability must contact the Centre for Students with Disabilities (778-782-3112 or csdo@sfu.ca).

BIOLOGICAL SCIENCES 305

Animal Physiology

Summer 2008 (1084)

<table>
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<tr>
<th>Instructor</th>
<th>Office</th>
<th>Phone</th>
<th>E-mail</th>
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<tbody>
<tr>
<td>Julian Christians</td>
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*SSB 8101 is on bridge from Shrum Science building to SSB; very close to Chemistry General Office

Course Prerequisites: MBB 221 AND PHYS 102 with a grade of C- or better.

Course Description: Physiology is about the “nuts and bolts” of how organisms work, from molecules through cells, tissues, organs, up to the level of the whole organism.

Outline of Topics:
- General principles of physiology
- Basic biochemistry and cell physiology (which will hopefully be review)
- Nerves, sensory systems and nervous systems
- Muscles
- Circulatory and respiratory systems
- Osmoregulation and nitrogen excretion
- Digestion

* There is a second edition of this text- it doesn’t matter whether you get the first or the second edition.

Mark Distribution:
- Midterm Exams 2 x 25% 50%
- Tutorial Assignments 10%
- Final Exam 40%

Some tutorial assignments will require students to submit work to Turnitin.com, primarily for its peer review function and, secondarily, to detect plagiarism. The exams will be based entirely on material presented in lectures. However, the lectures will follow the textbook closely and therefore reading the text will probably help to understand the lecture material (there will be at least one copy of the text on reserve in the library). The slides used in lecture will be made available on the course website (prior to the relevant lecture, where possible), although the lecture slides and textbook should not be considered substitutes for attending lectures.