BIOLOGICAL SCIENCES 305
ANIMAL PHYSIOLOGY
96-1

Instructor: Dr Tony D Williams
Tel: 291-4982
E-mail: tdwillia@sfu.ca

Office: B8273

Prerequisite: BISC 201

Course outline

1. Membranes, transport, neural communication.
2. Chemical messengers and endocrinology.
3. Receptor cells and sensory systems.

Midterm (probably sometime in week 7, 19-23 February)

7. Osmoregulation and excretion.
8. Energetics and thermoregulation.

This course will attempt to deal with different physiological systems at various levels from molecular and biochemical to environmental and ecological: where possible whole-animal examples will be used to illustrate the importance of physiological systems! There will be eight 4-hour labs and you will be assessed on these by 4 full lab reports and 4 lab hand-ins during the semester.

Mark distribution: Midterm 20%; Final exam 40%; Lab reports (4 x 8% = 32%); Lab hand-ins (4 x 2% = 8%).

Required text:


(You will need a copy of this text: there should be plenty of second-hand copies around).

Additional texts (these will be on Reserve in the library):

