

# PSYB64

## Introduction To Physiological Psychology

Tentative Sept 2010

- Professor: Dr. Janelle LeBoutillier
- Office: S557
- Office Hours: Tues and Thurs 14:00 to 15:00
- Phone: 416-287-7430
- E-mail: [psyb64@utsc.utoronto.ca](mailto:psyb64@utsc.utoronto.ca)  
Please use the course email address for correspondence in this course.
- Textbooks: Discovering Biological Psychology  
2<sup>nd</sup> Edition by Laura A. Freberg  
Available in the bookstore.
- Lectures: Thursday 16:00-19:00 SW 309

### Course Description:

This course explores the biological bases of our experience and behaviour: the ways in which bodily processes and states produce and control behaviour and cognition. Of equal importance, we will examine the ways in which behaviour, cognition and the environment exert their influence on bodily systems. This course is designed for psychology majors and specialists.

Most people are intrinsically curious about the genesis of behaviour---consider the proportion of everyday conversation that revolves around the motives and acts of the people and animals around us. On any given day, newspapers, magazines, TV and the web are full of intriguing and sometimes astonishing stories about how the brain functions. Many scientific disciplines contribute to these themes and this course will include research from psychologists, anatomists, biochemists, physiologists, etc.

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. Tina Doyle, the UTSC AccessAbility Manager 416 287-7560 is available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. The sooner you let us now about your needs, the quicker we can

assist you in achieving your learning goals in this course.

**Tentative Schedule:**

The following topics will be covered in the course. The weekly schedule is a guideline and some topics will take more or less than a lecture period to complete.

Week	Topic	Chapter
1	Course Introduction	1
2	Anatomy and Evolution of the NS	2
3	Cells of the Nervous System	3
4	Genetics and Development	5
5	Temperature Regulation Thirst and Hunger Assigned Reading: Obesity drug pipeline not so fat	9
6	Test Requested	
7	Sexual Behavior Assigned reading: Ovulatory shifts in human female ornamentation	10
8	Sleep and Waking Assigned reading: Jet lag	11
9	Learning and Memory	12
10	Emotions Reward Aggression and Stress	14
11	Neurological Disorders	15
12	Review	

An overview of lecture ppt slides will be posted to the intranet in advance of the lecture. Content highlighted in yellow will be on the first test. The assigned readings can be downloaded as pdfs from the intranet.

**Grading Scheme**

There will be 2 tests in this course.

Test 1: Value 40% of your final grade covering topics listed above in weeks 1 through 5 and highlighted in yellow.

Test 2: Value 60% of your final grade covering topics listed above in weeks 7 through 12 inclusive. This test will be held during the final exam period.

The requested dates for the tests are indicated on the tentative schedule above but please note, the exact dates will be assigned by the registrar. When this information becomes available it will be posted to the home page on the intranet. **Monitor the intranet regularly for all course announcements.**

The format of the tests will be mainly multiple choice with some short written and/or matching questions. Tests are not cumulative UNLESS you miss a test. The tests are based on the lecture material and the assigned pdf readings and chapters in the text. You are responsible for all text and lecture material unless noted otherwise during the lecture.

**Missed Tests:**

There will be no make-ups for any missed tests. If you are ill for a test or have a personal emergency and cannot attend you must do the following:

1. send an email to [psyb64@utsc.utoronto.ca](mailto:psyb64@utsc.utoronto.ca) immediately indicating that you have missed the test.
2. follow-up within one week with documentation explaining your absence and requesting a cumulative final test in the course. Students who are absent for a medical reason should have the UTSC student medical certificate completed. Please use the official medical form available for download at [www.utsc.utoronto.ca/~registrar/](http://www.utsc.utoronto.ca/~registrar/). No other medical notes will be accepted. This form should be delivered to me during office hours or at the lecture.

Provided the instructions listed above are followed students will be eligible to write a cumulative final test in this course. The format of a cumulative test may differ from the non-cumulative test format described above.

**Extra Office Hours:**

Extra office hours will be held before and after each test. The dates and times will be posted in advance to the intranet. Remember to monitor the intranet for all course announcements.