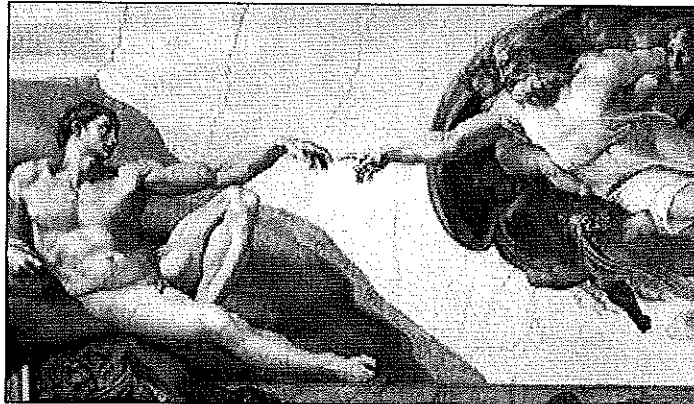


# PSYB64



## Introduction To Physiological Psychology

Tentative Sept 2007

Professor: Dr. Janelle LeBoutillier

Office: S557

Office Hours: Wed 10 to 12.

Phones: 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. Neither the TA or instructor will be responding to e-mails sent to personal accounts.

Textbooks: Biological Psychology 5<sup>th</sup> Edition: An Introduction to Behavioral, Cognitive and Clinical Neuroscience by S.Marc Breedlove, Mark R. Rosenzweig, and Neil V. Watson.

Available in the bookstore

Lectures: Thursday 16:00-19:00 SW 309

TA: Michael Misch

### 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 know about your needs, the quicker we can assist you in achieving your learning goals in this course.

Week	Topic	Chapter
1	Course Introduction: Scope and Outlook	1
2	Functional Neuroanatomy	2
3	Evolution and Life Span Development	6,7
4	Review and Test 1 Requested	
5	Neurophysiology: Conduction, Transmission and Integration of Neural Signals	3
6	Chemical Bases of Behavior Hormones and the Brain	4 5
7	Sex: Evolutionary, Hormonal and Neural Bases	12
8	Review and Test 2 Requested	
9	Homeostasis: Regulation of Internal States	13
10	Biological Rhythms	14
11	Learning and Memory	17
12	Emotions and Stress	15

An overview of lecture ppt slides will be posted to the intranet in advance of the lecture. All slides will be removed from the intranet after each midterm test.

### Grading Scheme

There will be 3 tests in this course.

Test 1: Value 33.3% of your final grade

Test 2: Value 33.3% of your final grade

Test 3: Value 33.3% of your final grade

The requested dates for the tests are indicated on the syllabus 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. Monitor the intranet for all course announcements.

The format of the tests will be multiple choice and are not cumulative UNLESS you miss a test. The tests are based on the lecture material and the assigned chapters in the text.

**Missed Tests:**

There will be no make-ups for missed tests. If you are ill for a test you must do the following:

1. complete the medical form available through the registrar site and bring to the lecture within 2 weeks of the missed test date. This is the only medical form that will be accepted
2. send an email to the course webpage within one week indicating that you have missed the test.

Provided proper documentation is submitted and the instructions listed above are followed students will be eligible to write a cumulative final in this course. For example, if you miss test 2, and the proper documentation is provided you may write a final cumulative exam valued at 66.6% of the final grade in the course. Tests will be 100 minutes in length.

**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.