

# PSYB64

## Introduction To Physiological Psychology

### Tentative Schedule Fall 2015

- Professor: Dr. Janelle LeBoutillier
- Office Hours: Tues after lecture in SW557 12-1
- 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.
- TAs: David Nguyen  
Bilgehan Cavdaroglu  
Chi-Hsun Chang
- Textbooks: Discovering Behavioral Neuroscience: An Introduction to Biological Psychology  
3<sup>rd</sup> Edition by Laura A. Freberg  
Copies available in the bookstore.
- Lectures: Tues 9-12 in HW216  
We will use Blackboard for all course announcements and for links to lectures and assignments. Please monitor Blackboard regularly for course updates.

### 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. The sooner you let us know 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. Please note, the weeks in which quizzes will be held are indicated below. The dates for the mid-term test and final exam will be determined by the registrar. When I have this information it will be posted to Blackboard.

Week	Topic	Chapter and Assigned Readings
1	Course Introduction	1
2	Anatomy and Evolution of the NS	2
3	Cells of the Nervous System Quiz 1	3 Assigned Reading: The Elephant Brain in Numbers
4	Cells of the Nervous Systems	3
5	Psychopharmacology, Genetics and Development	5
	READING WEEK Oct 13-16	
6	Temperature Regulation Thirst and Hunger	9
7	Test Requested in Class Oct 27	
8	Sexual Behavior	10
9	Sleep and Waking Quiz 2	11 Assigned reading: Adolescent Sleep Patterns and Night-Time Technology
10	Learning and Memory	12 Assigned Reading: The Magical Mystery Four: How is Working Memory Capacity Limited, and Why?
11	Emotions Reward Aggression and Stress	14
12	Neurological Disorders and Review	15

Content highlighted in yellow will be on the first test.

**Additional Assigned Readings:**

The assigned readings can be downloaded as pdfs.

**Grading Scheme**

There will be 2 quizzes, 1 mid-test and a final exam in this course.

**10% of your Final Mark will be determined by your Performance on the Quizzes**

There are no make ups for quizzes. If you miss a quiz you will be given a mark of zero unless proper medical documentation is provided. This documentation must be submitted electronically to the course email or delivered in person to the TAs during office hours. With approved documentation received within one week of the quiz your final exam may be reweighted. There are 2 quizzes and each quiz contributes 5% to your final grade in the course.

Quizzes will only cover the text book readings for the chapter assigned and not lecture notes or assigned readings. The first Quiz will cover Chap 2 and the second quiz will cover Chap 11. Each quiz will consist of 10 MC questions only and you will have 15 minutes to complete the quiz. The test will be given on BB and must be completed within a 5 hour window beginning at 11 am during our lecture in the assigned week. An announcement will be posted to BB with a reminder and details on accessing the quiz.

**45% of your Final Mark will be determined by your Performance on the Mid-term**

This test will cover the topics listed above in weeks 1 through 6 and highlighted in yellow. The date for the test is indicated on the tentative schedule above. Specific details on the time and location you will write the test will be posted to BB.

**45% of your Final Mark will be determined by your Performance on the Exam**

The exam will cover all topic listed above in weeks 8 through 12 inclusive. The date of the final exam will be assigned by the registrar. When this information becomes available it will be posted to the home page on Blackboard

The format of the mid-test and exam will consist of MC questions and some short written questions. The final exam is not cumulative UNLESS you miss the test. Testable material includes all lecture content, the assigned pdf readings, and chapters in the text. You are responsible for all text and lecture material unless noted otherwise during the lecture.

Please note: The University of Toronto's Code of Behaviour on Academic Matters applies to all University of Toronto Scarborough students. The Code prohibits all forms of academic dishonesty including, but not limited to, cheating, plagiarism, and the use of unauthorized aids. Students violating the Code may be subject to penalties up to and including suspension or expulsion from the University.

**Missed Tests:**

There will be no make-up if you miss the mid -term test. If you are ill for the 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 us during office hours or at a mutually agreed upon time in consultation with the course TA or as a scanned document to the course email. Please send any specific requests to [psyb64@utsc.utoronto.ca](mailto:psyb64@utsc.utoronto.ca)

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. Remember to monitor Blackboard for all course announcements.