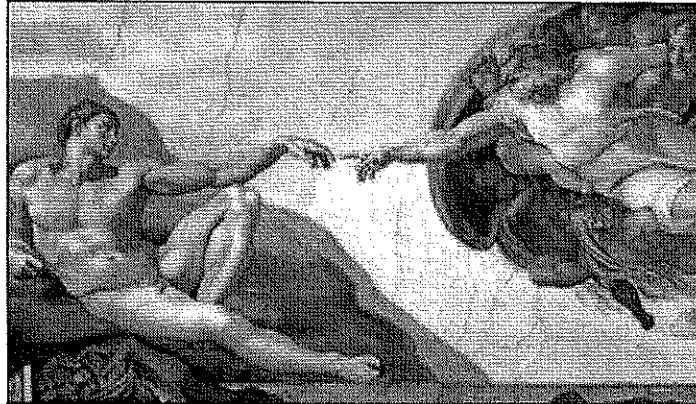


PSYB64



Introduction To Physiological Psychology

Tentative Sept 2006

- Professor: Dr. Janelle LeBoutillier
- Office: S557
- Office Hours: Tuesday or Thursday 11-12 am.
- Phones: 416-287-7430
- E-mail: psyb64@utsc.utoronto.ca
Please use the course email address for correspondence in this course.
- Textbooks: Biological Psychology 4th Edition: An Introduction to Behavioral and Cognitive Neuroscience by Mark R. Rosenzweig, S.Marc Breedlove and Neil V. Watson.

Available in the bookstore
- Lectures: Tuesday 4:00 – 7:00 SW319
- TA: Anna Nagy

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. Students interested in our NRO program are strongly advised to enrol in NROB60, NROC61 and NROC64 to fulfil the program

requirements.

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

Grading Scheme

There will be 3 tests in this course, each valued at one third of your final mark. The tests will not be cumulative. 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. Make-up tests will only be given with proper documentation. If you are ill for a test you must complete the medical form available through the registrar site and bring this to the make-up test. Additional office hours will be scheduled prior to and after each test. Dates and times of office hours will be posted to the Intranet.