

**YORK UNIVERSITY**  
**HH/ PSYC 2240 3.0 M Biological Bases of Behaviour (Winter, 2015)**  
**Fri. 8:30am-11:30am**  
**VC 135**

**Course Director:** Pauline Charlton, Ph.D.  
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Office: 258 BSB  
Office hours: TBA

**Teaching Assistants:** Emily Barlow-Krelina [embarow@yorku.ca](mailto:embarow@yorku.ca) for students with their last names from A to M; and Jennifer Macmullin, [jenmacm@yorku.ca](mailto:jenmacm@yorku.ca) for students with their last names from N to Z.

**Communication:** When sending email to the Course Director or TAs, please put the **course name or number in the subject line** to ensure that your message is opened. Please refrain from asking questions that could have been answered by simply reading this document.

Please check course website for notes or announcements.

**Course Website: Moodle@york**

**Pre-requisite:** AK/AS/HH/SC/PSYC 1010 6.0 or AK/HH/PSYC 2410 6.0 with a minimum grade of C.

**Required Text:**

Kalat, James, Biological Psychology, 12<sup>th</sup> Edition, Wadsworth Cengage, 2014.

**Course Description:**

Course emphasis will be placed on the biological basis of behavior. Topics will include biological correlates of behaviors such as vision, and sleep. In addition, we shall examine biological basis of behavior such as emotion, and drug actions etc.

**Learning Objectives:**

The student should understand biological and behavioral correlates based on concepts of evolution and heredity, learning, cognitive and behavioral approaches. Specifically, the course material will help students to understand the relationship between physiology and behavior.

**Evaluation and Grading Schemes:**

1. **Three tests** will be counted for the final course score. Tests are based on text, lectures and video presentations. Exams can be multiple choices, T/F, short answers, definitions and essays.
2. **Participation** means attending classes, participate in class discussions, participation in scheduled tests and assignment, academic honesty and other positive behaviours. There will be a reduction of participation marks for any student who does not refrain from

disturbing other students during lecture presentation and videos, lack of participation as described above, and any other dishonest and disrespectful behaviour either in class or in emails. Students will be expected to maintain civility and mutual respect.

Test1\_ 35%

Test2\_ 40%

Test3\_ 20%

Participation\_5%

### **Policy for Missed Tests**

1. Students are expected to write each test on the dates specified. There will be three in-class tests in this course. There will be **no make-up tests** except under extraordinary documented circumstances. **If you missed a mandatory test for no documented reasons, you will receive a grade of ZERO for that test.**
2. If the student have a legitimate reason (e.g. severe illness), the student **must contact the respective Teaching Assistant Emily Barlow-Krelina or Jennifer Macmullin (according to the beginning letter of the student's last name as listed in the beginning of this document) and cc a copy to the Course Director** either in person or via email **within 24 hours before or after** the date of the test. In your email, you must state your name, student number, and the reason you cannot take the test.
3. The student must show appropriate documentation to Emily or Jennifer who are in charge of make- up tests. The documentation must verify the circumstances for the missed test.  
A legitimately recognized reason for missing a test is a medical one. Test missed on the grounds of **medical conditions must be supported by an attending physician's statement Form.** The form could be downloaded from the Registrar's Office Website: [http://www.registrar.yorku.ca/pdf/attend\\_physician\\_statement.pdf](http://www.registrar.yorku.ca/pdf/attend_physician_statement.pdf) . **The document MUST state that the student's condition is serious and incapacitated to an extent that taking the test on the date of the test is not possible.** The department of Psychology encourages Course Directors to verify suspicious student claims with the physicians directly. Failure to provide appropriate documentation will result in a grade of "0%" for the missed test.
4. We apologize ahead of time if the make-up test and date is inconvenient for you. All make-up tests will be held approximately one week following the original test date. You will be informed of the time and location of the exam by the Teaching Assistants. Only one offer of make-up test date per student per test.
5. Missing more than one test will trigger an investigation and may result in 0% for the missed test.
6. **Non-medical circumstances must be supported by appropriate documentation (i.e. death certificates, or obituary notice in the case of attending funeral for a close relative, and your birth certificates etc. to prove your relationship to the deceased).**

7. If any of the test dates specified in this syllabus is in conflict with a particular *religious holiday*, please email the Teaching Assistant and copy to the Course Director in the first three weeks of class. The claim will be checked against the list of recognized religious holidays.

### **Important York Policies**

#### **Academic Honesty (Senate Policy)**

The Policy on Academic Honesty is a reaffirmation and clarification for members of the University of the general obligation to maintain the highest standards of academic honesty. It outlines the general responsibility of faculty to foster acceptable standards of academic conduct and of the student to be mindful of and abide by such standards. Faculty members are encouraged to pursue suspected cases of academic honesty with formal charges. Students should, however, review the York Academic Honesty policy for themselves at: <http://www.yorku.ca/secretariat/legislation/senate/acadhone.htm>

Students might also wish to review the interactive on-line Tutorial for students on academic integrity, at: <http://www.yorku.ca/academicintegrity/tutorial.htm>

#### **Religious Accommodation**

York University is committed to respecting the religious beliefs and practices of all members of the community, and making accommodations for observances of special significance to adherents. Should any of the dates specified in your course syllabus for an in-class test or examination pose such a conflict for you, contact the Course Director within the first three weeks of class. Similarly, should an assignment to be completed in a lab, practicum placement, workshop, etc., scheduled later in the term pose such a conflict, contact the Course Director immediately. More information is located here: <https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs>

#### **The Privacy and Legal statement**

<http://www.yorku.ca/scdr/studentconduct.html> for details specifically prohibits theft of intellectual property by a student, which **includes recording a course director's lecture without their permission** or taking lecture material provided for a student online, modifying it, and/or using it for a student's own personal use or gain. The material provided by a course director is only to be used for a student's personal study when they take the course for which it was created. Use in any other way could result, at the minimum, in sanctions in accordance with the York's Student Code of Conduct and, at the maximum, will be breaking federal, provincial or municipal laws and will be acted on accordingly.

Last Revision Date: November 2, 2014

## COURSE SCHEDULE

DATE	TOPICS	READINGS
Jan. 9	Introduction	P. 3 - P.13
Jan. 16	Nervous system	Ch. 1
Jan. 23	Synapses	Ch. 2
Jan. 30	Anatomy	Ch. 3
Feb. 6	<b><i>Test 1 (Intro., Chapters 1,2, 3) 35%</i></b>	
Feb. 13	Vision	Ch. 5
	<b><i>Reading Week (Feb. 14-20)</i></b>	
Feb. 27	Sleep	Ch. 8
Mar. 6	Internal Regulation	Ch. 9
Mar. 6	<b><i>Last Day to drop course without receiving a grade</i></b>	
Mar. 13	<b><i>Test2 (Ch. 5, 8,9) 40%</i></b>	
Mar. 20	Emotion	Ch. 11
Mar. 28	Memory	Ch. 12
Apr. 6	<b><i>Test3 (Ch. 11, 12) 20%</i></b>	

***Happy Holidays***