

York University

HH/Psyc 2240.3 A Biological Basis of Behavior

Term: F 2013

Room: CLH C

Time: Tuesday 8:30-11:20

Course Director: N. Wiener <nwiener@yorku.ca>

Course TA: Alexandra Markham
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Required Course Text: Biological Psychology (11th edition), James W. Kalat, Wadsworth

Sept. 10: Chapter 1 and 2

Sept. 17: Chapter 3

Sept. 24: Chapter 4

Oct. 1: Chapter 5

Oct. 8: exam 1, 40% of final grade

Oct. 15: Chapter 6

Oct. 22: Chapters 7 and 8 pages 240-263

Oct. 29: Chapter 10

Nov. 5: exam 2

Nov. 12: Chapter 13

Nov. 19: Chapter 14

Nov. 26: exam 3, 20% of final grade

The exams are “objective”, aka “multiple choice”.

All three exams must be completed.

Course Description: Students will have the opportunity to acquire some knowledge of the physiological, genetic, developmental, and anatomical determinants of behavior. Biological processes at the level of neurons, neurotransmitters, and brain circuitry, which determine normal and human pathology, will be studied. Topics included are: structure and function of neurons, anatomy and development of the nervous system, senses, motivated behavior (hunger, thirst), learning and cognition.

Organization of the Course: The course is lecture format with supplementary audiovisual presentations. There is a required textbook.

Course Learning Objectives: Students will understand how behavior is determined by neural process. Students will acquire familiarity with the methods and theories that are applied to the study of the nervous system.

Additional Information: Any changes in course readings or schedule will be announced in class.

Other important dates: Sept. 22, last date to enroll without permission of course instructor; Oct 4., last day to enroll with permission; Nov. 8, last date to drop.

Please turn off sound producing electronic devices during class. Unwrap candy, lozenges, etc. before class.

Any changes in course assignments, exam dates, or other course events will be announced in class and may be posted on the course web site.

For test policies and procedures see www.yorku.ca/altexams/policies/policies.htm

