

Syllabus

Course: Physiological Psychology
PYCH 372 – 003

Time: Wednesday 7:20pm – 10:00pm
Spring 2006

Location: Robinson Hall B224

Instructor: Hadley C. Bergstrom (hbergstr@gmu.edu)

Office hours: Wednesday 6:00pm – 7:00pm, or by appointment
DKH 2030 (Lab), Office phone: 703-993-1358

Required Text: Kalat J.W. (2004) Biological Psychology, 8th Edition, Wadsworth/Thomson Learning: Belmont, CA
<http://www.campusstores.com/gmu/index.asp>

Schedule*:

Date	Chapter	Topic
January 25	1.3, 4.1	Introduction
February 1	Pgs. 30-41	Cells
February 8	Pgs. 42-9, Ch.3	Cellular communication
February 15	<i>Exam 1</i>	<i>1/25-2/8</i>
February 22	Ch.4, 8	Neuroanatomy/Movement
March 1	Ch.6	Visual system
March 8	7.1-7.3	Sensory systems
March 15	No class	
March 22	<i>Exam 2</i>	<i>2/22-3/8</i>
March 29	Ch. 5, 6.3	Development/Plasticity
April 5	Ch. 13	Learning/Memory
April 12	Ch. 9	Sleep
April 19	<i>Exam 3</i>	<i>3/29-4/12</i>
April 26	Ch. 12	Emotion
May 3	Ch. 15.1	Neuropharmacology
May 10	<i>Final Exam</i>	<i>7:30pm – 10:15pm</i>

* You are responsible for all announcements and any syllabus modifications made in class each week whether you are present or not.

Course objectives:

- Introduce the field of neuroscience, including basic neuroanatomy, neural and synaptic transmission, neural mechanisms underlying normal and abnormal behavior, and biological mechanisms of drug action.
- Develop a foundation for the understanding of the central nervous system.
- Promote awareness of how brain function relates to behavior.

Assignments:

- 1) Complete in a timely manner the readings from the text.
- 2) There are a total of three quizzes. The exams will include multiple choice and fill-in-the-blank questions from lecture and the text. There will also be a *cumulative final exam*. The final exam will be in the same format as the exams. **There will be no make-up exams and no extra-credit.**
- 3) I will provide class time to finish a weekly assignment that is due at the end of class. Assignments will usually consist of a work-sheet or project that relates to the lecture material and *consists of topics that will be on the exams*. Therefore, it is highly encouraged that you attend class and complete the assignment. In addition, it will be helpful to bring your textbook to class. You are allowed to drop two assignments, thus there will be no make-ups.

Grading:

EXAMS (3x20% each = 60%) + **ASSIGNMENTS** (10%) + **FINAL EXAM** (30%) = 100%

A+ = 97 – 100%	C+ = 77-79%
A = 93 – 96%	C = 73 – 76%
A- = 90 – 92%	C- = 70 – 72%
B+ = 87 – 89%	D = 60 – 69%
B = 83 – 86%	F = 0 – 59%
B- = 80 – 82%	

Technology:

Class will be held in an Electronic Classroom and lectures are in PowerPoint format. Notes and announcements will be available on WebCT (Know your user name, password & make sure your browser is compatible; see <http://www.webct.com/tuneup>).

Special needs:

Every effort possible will be made to accommodate students with a disability or other special need. If you are a student with a disability and you need academic accommodations, please see me and contact the Disability Resource Center (DRC) at 703-993-2474. All academic accommodations must be arranged through that office.

Add/drop deadline:

Last day to add – Feb. 7th
Last day to drop – Feb. 24th

Honor code:

Students are reminded of the University honor code and are expected to adhere to the principles thereof.