

## Syllabus

**Course:** Physiological Psychology  
PYCH 372 – B01

**Time:** Monday and Wednesday 7:20pm – 10:00pm  
Summer 2006

**Location:** Innovation Hall 208

**Instructor:** Hadley C. Bergstrom ([hbergstr@gmu.edu](mailto:hbergstr@gmu.edu))

**Office hours:** Wednesday 6:00pm – 7:00pm, or by appointment  
DKH 2030 (Lab), Office phone: 703-993-1358  
(In DKH enter double doors (lab), turn left and take first right. My office is first door on your right.)

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

### Schedule\*:

Date	Chapter	Topic
June 5	1.3, 4.1	Introduction
June 7	Pgs. 30-41	Cells
June 12	Pgs. 42-9, Ch.3	Cellular communication
June 14	<i>Exam 1</i>	<i>6/5-6/12</i>
June 19	Ch.4, 8	Neuroanatomy/Movement
June 21	Ch.6	Visual system
June 26	Ch.5, 6.3	Development/Plasticity
June 28	<i>Exam 2</i>	<i>6/19-6/26</i>
July 3	No Class	
July 5	Ch. 7	Sensory systems
July 10	Ch. 13	Learning/Memory
July 12	Ch. 9	Biological rhythms
July 17	<i>Exam 3</i>	<i>7/5-7/12</i>
July 19	Ch. 12	Emotion
July 24	Ch. 15.1	Neuropharmacology
July 26	<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 exams. 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. Announcements and notes will be available on WebCT (Know your user name & password & make sure your browser is compatible; see <http://www.webct.com/tuneup>) prior to each class.

**Special needs:**

Every effort possible will be make 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 - June 14th  
Last day to drop - June 21st

**Honor code:**

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