

## READING ASSIGNMENTS

The required text for this course is Foundations of Physiological Psychology 6th Ed. by Neil Carlson (Allyn & Bacon). Reading assignments should be completed **prior to** the date listed on the schedule below.

## STUDENT RESOURCES AND INTERACTIVE MEDIA

Your textbook comes with a CD-ROM which contains several useful learning tools. Some of this material will be used during the lectures and the CD will allow you to review this information outside of class at your leisure. If you do not own a computer that is capable of running this software please note that UWM provides a number of PC labs on campus where you can use it.

Student computer labs and the IMT help desk ([help@uwm.edu](mailto:help@uwm.edu)) are staffed by people who are there to help you if you run into computer trouble. Neither the instructor nor the teaching assistants are able to provide computer support or consulting.

Many of the images and outlines used in the lectures can be found at <http://www.uwm.edu/~fjh/820254.html>

## SCHEDULE OF LECTURE TOPICS, READINGS, AND EXAMS

Date	Lecture Topics	Carlson chapter(s)
Tu 1/3	Introduction and course overview	
W 1/4	Perspectives; Structure of the nervous system	1, 3, 5
Th 1/5	Neurons	2
Fr 1/6	Neural communication	4
M 1/9	Synaptic transmission and psychopharmacology	(2, 4)
Tu 1/10	Sensory systems, vision	6
W 1/11	<b>EXAM 1</b>	
Th 1/12	Body senses and audition	7
F 1/13	Sensory modulation	9
	Homeostasis and regulatory behaviors	11
M 1/16	NO CLASS (MLK Jr Day)	
Tu 1/17	Emotion and arousal	10
	Reinforcement and drug abuse	16
W 1/18	Learning and memory	12,14
Th 1/19	<b>EXAM 2</b>	

**Please Note:** Information on Psychology Department policies on participation by students with disabilities, accommodation for religious observances, academic conduct, complaint procedures, grade appeal procedures, and other standing policies (e.g., sexual harassment, incompletes) is in the Psychology main office, Garland Hall room 224.

## PHYSIOLOGICAL PSYCHOLOGY (820-254)

Dr. F.J. Helmstetter

Garland 207

Office Hours: By appointment.

Winterim 2006

MTuWThF 9:00-12:15PM

HOL 180

### OBJECTIVE

This course is intended to provide a general introduction to the structure and function of the nervous system. In particular, the student should develop a better understanding of how biological processes occurring within the nervous system give rise to psychological processes like behavior, emotions and memory.

### EVALUATION

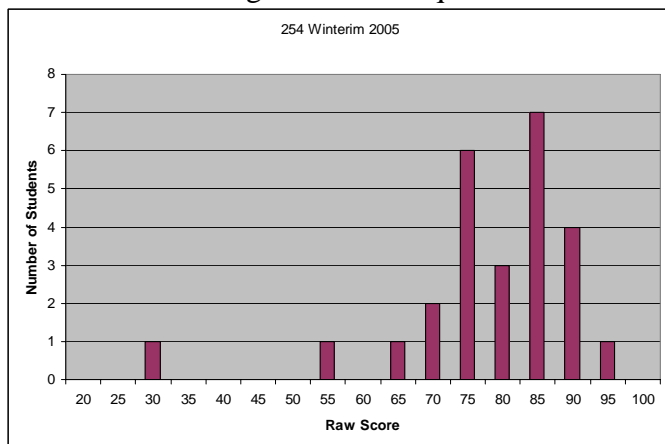
A total of two multiple choice exams will be given during the three week session. Questions on the exams will be taken from both lectures and readings. Each of the two one hour exams will consist of 50 questions with each question worth 1 point. Thus each student has the opportunity to earn a total of 100 points on exams. Exam dates are included on this syllabus. There is no provision for “make up” exams.

### “EXTRA CREDIT”

Students can improve their grade and learn about current research topics by participating as subjects in projects sponsored by the Department of Psychology at UWM. You can earn one “point” for each experiment you participate in. The instructor provides this opportunity as a service to you and the research faculty but has no control over the availability of projects or your suitability as a subject. The instructor reserves the right to terminate or modify the extra credit policy at any time.

### FINAL GRADES

There are no absolute criteria which determine your final grade (e.g., "If I get 80% of the exam questions correct I will get a B"). Letter grades will be determined based on your performance **relative to the class**. The procedure for calculating final grades is as follows: After the second exam each student is assigned a score equal to the sum of all correct answers on the two exams (ranging



from 0 to 100). A frequency distribution of the total exam points earned is then calculated. This graph is the actual distribution from this class during Winterim 2005.

Next, student performance is “curved” such that the highest score in the class (in this example 95 correct out of 100) is set equal to 100% and all other scores are expressed as a fraction of the highest score. Finally, one percentage point is added to your normalized total for each unit of “extra credit” you earn. Letter grades are entered into PAWS on or around the last day of the term. Do not contact

me to find out what your grade is - it will be on the system a few minutes after it’s calculated.