

**PSYCHOLOGY 26 - PHYSIOLOGICAL PSYCHOLOGY**  
**WINTER, 2014**

Instructor: Catherine Cramer, 258 Moore, 6-3459  
Office hours: Monday, Tuesday, and Friday, 9:30-10:30 a.m

Text: Breedlove, S.M., Watson, N.V., and Rosenzweig, M. R., 2010. *Biological Psychology: An Introduction to Behavioral, Cognitive, and Clinical Neuroscience, Sixth Edition.*

In this class, you will have the opportunity to choose among various types of assignments. Each type offers a somewhat different way for you to demonstrate (to yourself, as well as to the instructor) your learning of course material.

**Exams.** Five 100-point exams will be available during the term, an hourly exam on each of the four sections of the course and a cumulative final exam. The 4<sup>th</sup> hourly exam and the cumulative final will be given during the final exam session scheduled by the Registrar. The format of the exams will be primarily objective (identification, multiple choice, matching, fill-ins, etc.) with a mix of types of questions on each exam. These are closed-book, in-class exams. Total points available = 500

**Practice tests.** In the class before each section exam, a practice test will be available. The format will be multiple-choice questions with a scantron answer sheet. You will self-score your test and will receive 10 points simply for turning in the scantron, no matter how many questions you answer correctly. Total points available = 40

**Do-overs.** After each of the first three section exams, you will have an opportunity to improve your score by up to 15 points by reviewing and making any corrections you choose to a copy of your exam. Do-overs must be completed before the next scheduled class session. This is an open-book, open-note assignment. If you didn't take an exam, you are still eligible to take the do-over, for the maximum 15 points. Total points available = 45. (Note that fewer points may be available for exam scores above 85.)

**Study group take-homes.** You may choose to form a study group; study groups should include 4-5 members and must be "registered" with the instructor. Before each in-class exam (including the cumulative final), each registered study group will receive a set of review (short answer) questions to answer. Answers are submitted electronically; each take-home will receive up to 25 points. This is an open-book, open-note assignment. Total points available = 125.

Course grades will be based on the total number of points accumulated, based on the following scale:

625-710 = A	500-524 = C+
600-624 = A-	475-499 = C
575-599 = B+	450-474 = C-
550-574 = B	400-449 = D
525-549 = B-	below 400 = E

Course policies: Because there are many ways to accumulate points in this course, make-ups will *not* be given. You do not need to provide a formal excuse or explanation.

The 4<sup>th</sup> and final exams will be given *only* during the time scheduled by the Registrar. Please do not make travel arrangements to leave campus earlier. Should unforeseen circumstances arise that prevent you from taking the exam at the scheduled time, you will need to have your dean contact me to initiate an Incomplete.

Class attendance is not required or recorded; however, material covered in class will form an important part of exam material.

Any student with a documented disability needing academic accommodations should speak to me and give me a copy of your form from Student Accessibility Services. I appreciate getting this information as soon as possible so that I can make appropriate arrangements. All discussions will remain confidential, although the accessibility coordinator may be consulted if questions arise.

The Honor Principle in this class. Your answers on the in-class, closed-book **exams** are to be your own individual work, not the work of others. Violations of the Honor Principle will, in addition to any discipline imposed by the College, result in failure in the course. The **practice tests** are not scored, but they will be the most useful to you if you do them by yourself, closed-book. The **do-overs** are open-book/note, but are to be your own individual work. For the **study-group take-homes**, you are encouraged to work together and use whatever resources you find helpful. All group members contributing to a particular take-home should acknowledge their participation on the submitted answers.

Additional resources:

1. A Canvas site is maintained for this class.
2. The publishers of your textbook maintain a web page with additional topic material, study guide, and practice quizzes.
3. The Academic Skills Center offers general academic support and they may be able to identify tutors for this course.

## SCHEDULE

<u>Date</u>	<u>Topic</u>	<u>Reading</u>
Jan 6	Introduction	Ch. 1
Jan 8	Neuroanatomy	Ch. 2
Jan 10	Neural transmission	Ch. 3
Jan 13	Neurochemistry	Ch. 4
Jan 15	Endocrine system	Ch. 5
Jan 17	Practice test (Ch. 1-5)	
Jan 20	NO CLASS – MLK DAY	
Jan 22	EXAM #1 (Ch. 1-5)	
Jan 24	Evolution of brain & behavior	Ch. 6
Jan 27	Development	Ch. 7
Jan 28 (X-hr)	Sensory processes: somatosensation	Ch. 8
Jan 29	Audition & chemical senses	Ch. 9
Jan 31	Vision	Ch. 10
Feb 3	Practice test	
Feb 5	EXAM #2 (Ch. 6-10)	
Feb 7	NO CLASS - WINTER CARNIVAL	
Feb 10	Movement	Ch. 11
Feb 11 (X-hr)	Sexual behavior	Ch. 12
Feb 12	Homeostasis	Ch. 13
Feb 14	Sleep and rhythms	Ch. 14
Feb 17	Emotion	Ch. 15
Feb 18 (X-hr)	Practice test (Ch. 11-15)	
Feb 19	EXAM #3 (Ch.11-15)	
Feb 21	Psychopathology	Ch. 16
Feb 24	Learning and memory	Ch. 17
Feb 26	Learning and memory continued	“
Feb 28	Attention and cognition	Ch. 18
Mar 3	Language and lateralization	Ch. 19
Mar 5	Practice test (Ch. 16-19)	
Mar 7	Wrap-up	
Mar 11, 8:00 a.m.	EXAM #4 (Ch. 16-19) and CUMULATIVE FINAL EXAM	