

Physiological Psychology



University of Alaska Fairbanks

Prerequisites: COMM F131X or F141X or equivalent, and PSY F101; or permission of instructor.

Oral intensive (O/2): This class meets the university requirements for half of the core oral intensive requirement. In order to fully complete this core requirement, you will need to complete another course designated as O/2 or as O. If you have any questions about how this course fits into your degree requirement, please be sure to ask me. (Oral criteria 1.c. and 5.a.)

Important dates:

Friday, Sept 10 Last day to drop classes for 100% refund; last day to add a class

Friday, Sept 17 Last day to drop classes (will only receive 50% refund)

Friday, Oct 15 Last day to apply for SPRING 2011 graduation (www.uaf.edu/reg/grad)

Friday, Oct 29 Last day to withdraw with a grade of "W"

Monday, Nov 8 Spring 2011 Registration begins

Wednesday, Dec 15 Final Exam, 10:15am-12:15pm, GRU 208

Required materials:

- 1. **Texts** 1) Kalat, J. W. (2009). <u>Biological Psychology</u> (10th ed.). Belmont, CA: Wadsworth.
 - 2) American Psychological Association. (2010). <u>Publication Manual of the American Psychological Association (6th ed.)</u>. Washington, DC: Author.
- 2. **Blackboard** –You are expected to keep up with posted announcements, changes, assignments, and other postings. You can access Blackboard at http://classes.uaf.edu.
- 3. **Email** You are expected to access your UAF email account (xxx@alaska.edu). If this account is not your primary email account, you are expected to set it up so that all your messages are forwarded from the UAF server to your primary account. Instructions are posted in Blackboard for you.
- 4. **Stapler** and **#2 Pencil** for scantron sheets on test days (scantron sheets will be provided)

Recommended:

A. Hull, E. & Dominguez, J. (2009). <u>Study Guide for Kalat's Biological Psychology</u> (10th ed.). Belmont, CA: Wadsworth.

Course description and goals: What role does our brain play in behaviors we perform every day? How is our brain involved in our thoughts and in our feelings? How do researchers investigate the answers to these questions? This course is designed to answer these questions and provide an overview of the central nervous system (CNS) involvement in development, rhythms, internal regulation, language, sexual behavior, psychological disorders, cognitive processes, sensory processes, and emotion. Students will thereby gain an understanding of how neurons function and communicate within the CNS. How this communication translates to behavior and processes that interrupt this translation (e.g. drugs, brain damage, CNS disorders) will be covered in detail. Differences due to gender and culture, as well as methods for investigating areas of biological psychology will also be explored. Successful completion of this course will provide students with a heightened awareness of the physiological processes that underlie behavior and of daily issues that directly relate to physiological psychology as well as oral and written skills to effectively communicate this knowledge.

Course student learning outcomes: The activities, readings, and assignments in this course should lead to your ability to:

- 1. demonstrate competency in physiological and neuronal processes involved in physical and psychological phenomena;
- 2. demonstrate competency in multiple ways by which these processes can be altered;
- 3. identify and critically evaluate how topics in physiopsychology have been and are being researched;
- 4. identify and evaluate the interaction between biology and culture;
- 5. apply physiopsychological concepts and theories to everyday life and personal experiences;
- 6. communicate competence by presenting your knowledge in an oral presentation to a live audience; and,
- 7. creatively represent the anatomy of the brain.

Psychology department student learning outcomes:

Outcome #1, part a – Critical thought & proficiency in scientific foundation of psychology: Critical evaluation of research Outcome #3 – Proficiency in basic technical writing skills

Outcome #5 - Knowledge of diverse perspectives

Instructional methods: This course will include three hours of class time with instructor per week, containing lecture, quizzes, activities, guided discussion, videos, peer instruction, oral presentations, and small group work. Outside of class (4-6 hours per week), students will be engaged with Blackboard, assigned readings, literary research, creative manipulation of food, oral presentation preparation, and writing.

<u>pts</u>	<u>%</u>
100	20
50	10
100	20
	100 50

with me at least 24 hours in advance.



474-6844. You may also obtain additional information about support services at: http://www.uaf.edu/sssp/index.html

<u>PSY 335 — Oral Presentation Rubric</u>

Length	Name:
Start:	Topic:
Stop:	Date of presentation:
Content – addresses	criteria of assignment