

Syllabus

Instructor: Chris Hagains

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Office Hours: M 9am -10am

Course Number, Section Number, and Course Title: PSYC / BIOL 3322.001,
Introduction to Behavioral Neuroscience

Time and Place of Class Meetings: M-W 10:30am - 12:20pm; LS 424

Student Learning Objectives: Students are expected to learn how the nervous system works and the underlying neural mechanisms of behavior. Topics will include: anatomical structure, molecular basis, sensory and motor systems, neurotransmitters, control of hunger, thirst, temperature, emotional disorders and schizophrenia, etc.

Course Prerequisites: None

Required Textbook(s) and Materials: Biological Psychology, 9th edition by James W. Kalat. Students should take their risk and make their own decision on purchasing older editions, since the answer keys to the multiple questions are based on 9th edition.

- Supplemental Text: Study Guide for Kalat's Biological Psychology by Elaine M. Hull

Course Description: This course will provide a comprehensive review of physiological processes that underlie animal and human behavior.

Examinations: There will be three exams. The final exam will NOT be comprehensive. Test-taking strategy: READ THE TEXT; also, the study guide provides practice questions that should aid in the retention of text material. The format for exams will be multiple choice questions. You are required to take all three exams. If you miss an exam, a grade of zero will be given. There is no provision for taking a make-up exam in this course unless documentation for a University-approved excuse (see Catalog <http://www.uta.edu/catalog/general/academicreg>) is received within one week of the exam date.

Grading Policy: The three exams will contribute equally to the calculation of the final grade. The scores from each exam will be averaged and a letter grade will be assigned where A > 85%, B > 75%, C > 65%, D > 55%, F < 55%.

NOTE: There will be no extra credit work to make up the grade; UTA policy will not allow distribution of grades over the phone or by email.

Attendance Policy: No mandatory attendance.

Make-up Exam Policy: There is no provision for taking a make-up exam in this course unless documentation for a University-approved excuse (see Catalog) is received within one week of the exam date.

Drop Policy: If you are dropped from this class for non-payment of tuition, you may secure an Enrollment Loan through the Bursar's Office. You may not continue to attend class until your Enrollment Loan has been applied to outstanding tuition fees.

Dates to remember: The last day to drop this course with an automatic "W" is July 16. After that, you will receive a "W" only if passing; otherwise, a grade of "F" will be assigned.

Americans With Disabilities Act:

The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 - The Rehabilitation Act of 1973 as amended. With the passage of federal legislation entitled *Americans with Disabilities Act (ADA)*, pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a faculty member, I am required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels. Information regarding specific diagnostic criteria and policies for obtaining academic accommodations can be found at www.uta.edu/disability. Also, you may visit the Office for Students with Disabilities in room 102 of University Hall or call them at (817) 272-3364.

Academic Integrity:

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Series 50101, Section 2.2)

Student Support Services Available:

The University of Texas at Arlington supports a variety of student success programs to

help you connect with the University and achieve academic success. These programs include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.

E-Culture Policy: The University of Texas at Arlington has adopted the University “MavMail” address as the sole official means of communication with students. MavMail is used to remind students of important deadlines, advertise events and activities, and permit the University to conduct official transactions exclusively by electronic means. For example, important information concerning registration, financial aid, payment of bills, and graduation are now sent to students through the MavMail system.

All students are assigned a MavMail account. Students are responsible for checking their MavMail regularly. Information about activating and using MavMail is available at <http://www.uta.edu/oit/email/>.

There is no additional charge to students for using this account, and it remains active even after they graduate from UT Arlington.

Grievance Policy: You have certain rights as a student that you should be aware of. Please see the online catalog regarding your rights if you feel you have been treated unfairly.

Bomb Threats: If anyone is tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/tests caused by bomb threats. Unannounced alternate sites will be available for these classes. Your instructor will make you aware of alternate class sites in the event that your classroom is not available.

*Library Information: Helen Hough is the Psychology Librarian. She can be reached at (817) 272-7429, and by email at hough@uta.edu. You will find useful research information for psychology at <http://www.uta.edu/library/research/rt-psyc.html>.

Tentative Lecture/Topic Schedule:

Chapter 1 The major issues

Chapter 2 Nerve cells and nerve impulses

Chapter 3 Synapses

Chapter 4 Anatomy of the nervous system

Chapter 5 Development and plasticity of the brain

Exam 1 (10:30 - 12:20) Monday, 06/22/2009

Chapter 6 Vision

Chapter 7 The other sensory systems

Chapter 8 Movement

Chapter 9 Wakefulness and sleep

Chapter 10 Internal body states

Exam 2 (10:30 - 12:20) Monday, 07/13/2009

Chapter 11 Reproductive behaviors

Chapter 12 Emotional behaviors

Chapter 13 The biology of learning and memory

Chapter 14 Cognitive Functions

Chapter 15 Psychological disorders

Final Exam (10:30am - 12:30pm) Wednesday, 08/12/2009