

## Syllabus

(PSYC/BIOL 3322, Section 001 — INTRO BEHAVIORAL NEUROSCIENCE)

**Instructor's Name:** Dr. Yuan B Peng

**Office Number:** LS 503

**Office Telephone Number:** 817/272-5222

**Email Address:** [ypeng@uta.edu](mailto:ypeng@uta.edu)

**Website:** <http://www.uta.edu/psychology/faculty/faculty.htm>

**Office Hours:** T 12:30-1:30 or by appointment

**Course Number, Section Number, and Course Title:** BEHAVIORAL NEUROSCIENCE, PSYC/BIOL 3322, Section 001

**Time and Place of Class Meetings:** Tue, Thur, 9:30 – 10:50 am, LS 119

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

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

**Requirements:** NA

**Required Textbooks and Other Course Materials:** Biological Psychology, 9th edition by James W. Kalat. For lecture notes and announcement, please go to WebCT at <http://www.uta.edu/webct/index.htm>

**Descriptions of major assignments and examinations with due dates:** There will be THREE exams (Final Exam Non-Comprehensive).

### 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** (9:30 - 10:50) Thursday, 02/14/2008

Chapter 6 Vision

Chapter 7 The other sensory systems

Chapter 8 Movement

Chapter 9 Wakefulness and sleep

Chapter 10 Internal body states

**Exam 2** (9:30 - 10:50) Thursday, 03/27/2008

Chapter 12 Emotional behaviors

Chapter 13 The biology of learning and memory

Chapter 14 Cognitive Functions  
Chapter 15 Psychological disorders

**Make-up Exam(s)** (9:30 – 10:50) Thursday, 05/01/2008

**Final Exam:** (8:00 - 10:30) Thursday, 05/08/2008

**Grading Policy:** 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) is received within one week of the exam date. All make-up exams will be offered on May 1, 2008. Note: UTA policy will not allow distribution of grade over the phone call or email. 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.

**Attendance Policy:** No mandatory attendance, but it is highly recommended. 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.

**Drop Policy:** Please refer to university drop policy. Please also refer to the academic calendar (<http://www.uta.edu/uta/acadcal/>).

**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](http://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.

**Final Review Week:** A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabi. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. Classes are held as scheduled during this week and lectures and presentations may be given.

**E-Culture Policy:** The University of Texas at Arlington has adopted the University email address as an official means of communication with students. Through the use of email, UT-Arlington is able to provide students with relevant and timely information, designed to facilitate student success. In particular, important information concerning registration, financial aid, payment of bills, and graduation may be sent to students through email.

All students are assigned an email account and information about activating and using it is available at [www.uta.edu/email](http://www.uta.edu/email). New students (first semester at UTA) are able to activate their email account 24 hours after registering for courses. There is no additional charge to students for using this account, and it remains active as long as a student is enrolled at UT-Arlington. Students are responsible for checking their email regularly.

**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.