Course Title: Behavioral Neuroscience

Course Number: Psyc 5333 - 001

Course Location and Time: Wednesday 4:00 – 6:50pm at Room 102/Life Science Building

Instructor: Dr. Yuan Bo Peng
Office: LS 503
Office Hours: W 1:00-2:00 pm or by appointment
Phone: 817/272-5222
Mailbox: 19528
Email: ypeng@uta.edu
Instructor web site: http://www.uta.edu/psychology/faculty/peng/peng.htm
Course web site: For lecture notes and announcement, please go to WebCT at http://www.uta.edu/webct/index.htm
Course Prerequisites: None
Required Textbook(s) and Materials: Principles of Neural Science 5th Edition by Kandel, Schwartz, and Jessell. Students should take their own risk and make their decision on purchasing older editions.

Course Description: This course will provide a comprehensive review of the behavior that can be examined at the level of individual nerve cells.

Course Learning Goals/Objectives: Students are expected to learn how nervous system works and what are the underlying neural mechanisms that control our behavior. Topics will include: neurobiology of behavior, cell and molecular biology of the neuron, elementary interactions between neurons-synaptic transmission, perception, movement, and development of the nervous system.

Attendance and Drop Policy: No mandatory attendance. 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 Lean has been applied to outstanding tuition fees.

Tentative Lecture/Topic Schedule:

Neurobiology of behavior
Cell and molecular biology of the neuron
Elementary interactions between neurons-synaptic transmission

Midterm Exam, 10/10/2018 (Tentative)

Perception
Movement
Development of the nervous system

Final Exam, TBD, 12/12/2018

Specific Course Requirements: This is an intensive course. Students are expected to know a lot of detailed information. Be sure to read textbook before attending lectures.

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.

Examinations: There will be two exams. The final exam will **NOT** be comprehensive. The format for exams will be assay questions. You are required to take all two 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.

Grade Calculation: The two exams will contribute 70%, and classroom discussion will contribute 30% to the calculation of the final grade. Presentation will be judged by five criteria: Slide preparation (6%), Clarity (6%), Critics (6%), Presentation (6%), and Understanding (6%). The scores from each exam will be averaged and a letter grade will be assigned where A $\geq$ 90%, B $\geq$ 80%, C $\geq$ 70%, D $\geq$ 60%, F < 60%.

Americans With Disabilities Act (ADA): The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference to Public Law 93112 – The Rehabilitation Act of 1973 as amended. With the passage of new 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.

If you are a student who requires accommodations in compliance with the ADA, please consult with me at the beginning of the semester. As a faculty member, I am required by law to provide "reasonable accommodation" to students with disabilities, so as not to discriminate on the basis of that disability. Your responsibility is to inform me of the disability at the beginning of the semester and provide me with documentation authorizing the specific accommodation. Student services at UTA include the Office for Students with Disabilities (located in the lower level of the University Center) which is responsible for verifying and implementing accommodations to ensure equal opportunity in all programs and activities.

Student Support Services: The University supports a variety of student success programs to help you connect with the University and achieve academic success. They 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.

Academic Honesty: Academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form at The University of Texas at Arlington. 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. See procedures at http://www.uta.edu/studentaffairs/judicialaffairs/

> "Academic 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, Part One, Chapter VI, Section 3, Subsection 3.2., Subdivision 3.22).

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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.

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.

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.