

PSY 252 HONORS BRAIN AND BEHAVIOR
FALL, 2017

Instructor: Antonio E. Puente, Ph.D.

Class: Room 2008, 11:00-12:15 am, T-T

Office: Room 2086, Teaching Laboratory

Office Hours: M-W, 8:00-12:00 (other times by appointment)

Contact: Telephone= 962.3812 Fax= 962.7010

E-mail: Puente or Puente@uncw.edu

Class Web Site: www.uncw.edu/people/puente.html; www.rogersperry.org; www.joesphbog-en.info

Text: Garrett, B. (2015). Brain and behavior (4th ed.). Thousand Oaks, CA: Sage.
Recommended but not required

Purpose: An introductory survey of the functional anatomy of the nervous system and the roles which various neural systems play in normal and abnormal behavior. Partially satisfies University Studies II: Approaches and Perspectives/Scientific approaches to the Natural World. Partially satisfies University Studies III: Thematic Transdisciplinary Cluster/Modeling.

Requirements:

Evaluation: Three tests, approximately 4-6 weeks apart.

Help Sessions: Free-standing and preceding each evaluation as well as during other special times. Last help session at 8 am on reading day.

Professor's absence: If professor is scheduled to be absent (i.e., a scientific conference), he will have either a graduate student or post-doctoral fellow present a lecture or pre-record the lecture.

Grades: each evaluation = 1/3 of final grade.

Tests format: mc, t/f with correction, matching, short & medium essays (33 ?s)
Appeals: supported by peer reviewed information within one week of returned evaluations.

Archived materials: Tests will be kept for one month after the beginning of the

new semester then they will be discarded.

Other:

Class attendance: extremely important and highly recommended (same with help sessions).

Test attendance: required unless excused (MD/DO/FNP/PA/PhD/PsyD), otherwise zero.

Honesty: refer to Code of Student Life Handbook. If the professor considers you to be cheating (e.g., plagiarizing) then you will be assigned a grade of zero on that activity. You are welcome to appeal through the channels provided by the university and if you choose to do so, the agreement of a zero is then withdrawn and a dismissal will be requested instead. After completion of tests the opportunity will be available to review the key. However, once the key is reviewed the test cannot be altered. In essence, 1) turn in the test 2) review the key.

Additional Information:

Extra Credit: each activity equals 3 points towards final total number of points earned. Conferences (e.g., North Carolina Psychological Association) equals 9 points if local and 15 if out of town. Partial credit available for partial attendance. Nonscheduled extra credit opportunities will arise without advance notice from time to time. One of the extra credit opportunities will be to visit Cape Fear Clinic (www.capefearclinic.org).

Grading system: standard 10 point scale, no +/- (e.g., 90-100=A, 80-89= B, etc.; extra credit added to original "raw" score- i.e., added to the total number of points obtained from the two tests and papers which are then divided by three to obtain the final grade). Grades which are within one point of next scale/level may be increased pending class participation and perceived effort.

Class Format: Each class begins with brief announcements followed by a lecture (audio or video taping is acceptable). From time to time, post-doctoral fellows and/or graduate students may lecture when the professor is on university-related professional activities. Alternatively a pre-recorded video may be used in these circumstances.

Extra Classes: Special non-extra and extra credit bearing classes on specific topics (e.g., will be provided throughout the semester) on an intermittent basis. If professor misses class due to external professional commitment, he will video the lecture before class at a previously announced time. Student may either attend the taping of the lecture and/or the playback which will be held during regularly scheduled class.

Religious Observance Policy: In accordance with NC SL 2010-211, you are entitled to two excused absences for religious observances per academic year. You must inform the professor in writing the first week of class if you will be missing any

classes due to religious observance and using one of the two permissible absences for the academic year. In addition, please inform the Registrar the first week of class who will then confirm your intentions to miss class with the impacted course instructors. Any absence for religious purposes will be considered unexcused unless you submit the request in writing the first week.

Diversity: As an institution of higher learning, the University of North Carolina Wilmington represents a rich diversity of human beings among its faculty, staff, and students and is committed to maintaining a campus environment that values that diversity. Accordingly, the university supports policies, curricula, and co-curricular activities that encourage understanding of and appreciation for all members of its community and will not tolerate any harassment or disrespect for persons because of race, gender, age, color, national origin, ethnicity, creed, religion, disability, sexual orientation, political affiliation, marital status, or relationship to other university constituents. Students with Disabilities information and resources available at <http://www.uncw.edu/stuaff/disability/> Zero Tolerance Policy UNCW practices a zero tolerance policy for violence and harassment of any kind. For emergencies contact UNCW CARE at 962-2273; Campus Police at 962-3184; or Wilmington Police at 911. For University or community resources visit: <http://www.uncw.edu/saferelate/campusResources.htm>.

Cell Phones, Guns, PDAs, & Laptops: Please silence your cell phone and do not make calls, access applications or text during class. If you have a personal, urgent matter for which you need to be on call, please let your professor know in advance. In addition, there will be no active PDAs or laptops/netbooks/iPads open and active unless the activity (e.g., taking notes but not during tests) warrants. No supporting information is to be used during evaluations. We may use these devices in selected activities and they are permissible then. No guns or weapons of any sort allowed in the classroom.

Outline:

Introduction: Course and Instructor; Basic Questions

Micro Neuroanatomy

Macro Neuroanatomy: Peripheral Nervous System (Sensory)

Macro Neuroanatomy: Peripheral Nervous System (Autonomic)

Macro Neuroanatomy: Central Nervous System (Non-Cortex)

Macro Neuroanatomy: Central Nervous System (Cortex)

Neurophysiology

First Evaluation

Emotion

Motivation

Learning & Memory

Intelligence

Consciousness

Second Evaluation

Traumatic Brain Injury

Dementia

Stroke

Degenerative Disorders

Educational Disorders

Psychiatric Disorders

Death Penalty and Brain Damage

Military Neuropsychology

Cross Cultural Neuropsychology

Case Study

Final Evaluation

(Note: Minor changes in outline possible due to class discussion/interest as well as scheduling difficulties)