

Brandeis University, Summer I 2018
NPSY 199 – Human Neuropsychology

Instructor

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Required Texts:

1) E. A. Zillmer, M. V. Spiers, W. C. Culbertson. Principles of Neuropsychology (2nd ed.), Wadsworth. ***the full .pdf document of this book is posted on LATTE.*

2) Sacks, O. The Man Who Mistook His Wife For a Hat. ***the full .pdf document of this book is posted on LATTE.*

Course Description: Neuropsychology is the study of the relationship between the brain and behavior. It exists on a continuum between cognitive neuroscience, which focuses on typical functioning, and neurology, which focuses on therapeutic intervention for disease and injury. Neuropsychology was initially about understanding the relationship between a unique pattern of behavioral symptoms and the location of the brain damage that gives rise to it. Its scope has broadened over time as non-invasive techniques for studying the brain have developed. We will learn basic neuroanatomy and understand how distinct brain regions and networks of brain regions work to produce behaviors studied by psychologists.

If you are a student with a documented disability at Brandeis University and if you wish to request a reasonable accommodation for this class, please see me immediately. Please understand that reasonable accommodations are not provided retroactively. If you are an athlete and will be away for any of the classes, please also contact me immediately. I have done my best to schedule around the Jewish holidays, but this is not always possible.

Academic Honesty Students are expected to be honest in all academic work. Academic dishonesty in any form (cheating, plagiarism, purchasing others' work) will not be tolerated, and suspected cases will be turned over to the Office of Campus Life for investigation and possible referral to the Student Judicial System, **as required by University policy**. See the Rights and Responsibilities handbook for the University policies in this area. Please note that ignorance of these policies is not a sufficient excuse for violation of them. If you have any questions about my expectations, please ask me. Students caught cheating the first time will receive a zero on the assignment, if caught twice you will be failed for the course.

The materials generated for this class are copyrighted. This includes, but is not limited to, syllabi, exams, in-class activities, review sheets, homework, class notes, supplemental materials. You do not have the right to copy or distribute any of these items, unless I specifically grant you permission. If you have any further questions

regarding plagiarism or copying, please refer to the Student Judicial System Office student rule website.

Exams (25, 25, & 26% each): You will have 3 non-cumulative exams during the semester, including a final exam. These exams will be short answer, multiple choice, and fill-in-the-blank format and will be based on lecture content, and readings.

Quizzes (8% each): You will have 3 quizzes during the semester. These will be take-home format, administered on LATTE.

Grading scale: I do not curve assignments or tests, I do not round up final scores at the end of the semester, and I do not give extra credit.

A	A-	B+	B	B-	C+	C	C-	D	F
93<	90-92.9	87-89.9	83-86.9	80-82.9	77-79.9	73-76.9	70-72.9	69.9-65	<64.9

***All dates, topics & assignments are tentative and subject to change. You will be informed ahead of time of any changes to the syllabus.*

Weekday	Date	Class #	Lecture	Homework
Monday	June 4	Day 1	Intro, Synapse & Action potentials	Chaps. 1 & 4 Watch "The Lobotomist" (available on YouTube)
Tuesday	June 5	2	Neuroanatomy	Chap. 5 & 6
Thursday	June 7	3	Neuroanatomy, cont'd Quiz 1	Chap. 2
Monday	June 11	4	Techniques - electrophysiology, fMRI	cont'd
Tuesday	June 12	5	Exam 1	Chap. 7
Thursday	June 14	6	Sensory & Perceptual systems, Motor systems	Chap. 8
Monday	June 18	7	Vision & Language	cont'd
Tuesday	June 19	8	Audition Quiz 2	Chap. 9
Thursday	June 21	9	Memory, Attention & Emotion	cont'd
Monday	June 25	10	Executive Functioning	
Tuesday	June 26	11	Exam 2	Chap. 10
Thursday	June 28	12	Development	Chap. 13
Monday	July 2	13	Aging & Dementia Quiz 3	Chap. 14
Tuesday	July 3	14	Traumatic brain injury	Chap. 12
Thursday	July 5	15	Cerebrovascular Disorders, Stroke	
	TBD		Final Exam	