

Syllabus Neuropsychology

310 section 02 – Spring 2014

Version 01-13-2014

Who

Instructor: Estelle Mayhew

Instructor email: emayhew@rci.rutgers.edu

TA : Kris Mescher

TA email: <kmescher@eden.rutgers.edu>

- The TA is in charge of copying and grading the exams.
- The TA will have the physical exams.
- If you wish to see your exam (and this is a very good idea) then you must visit the TA during her office hours.
- If you then wish to discuss the exam with me, Kris can send it to me and we can go over it together. Bring your review question sheets (the answers you prepared to the review questions) when we discuss the exam, so we can see how your preparation for the exam can be tweaked.

When/where

Location: Lucy Stone Auditorium

Time: Tuesdays & Fridays 10:20-11:40 pm

Office hours instructor: Tuesdays, 12:30 – 1:30 pm

Office location instructor: Room 229, Tillett Hall Livingston Campus

Office hours TA: Fridays, 1:00 - 2:00 pm

Office location TA: Tillett 629

Note on email

- If you ask a question for which the answer is in the syllabus or in the announcements on Sakai, I will in all likelihood NOT reply to your email.
- If it's a minor issue, ask me before/after class.
- On other issues, I will try to get back to you within 3 days. Any emails sent at unearthly hours may not get read before class period, keep it in mind.
- Also, please remember to SIGN (that means first and last name) your emails. I don't know, nor will I expend any effort to find out who strawberry@dotmail is. You also need to indicate in EVERY email WHICH CLASS and WHICH SECTION you are in, as I have 750+ students in several different classes and sections. ***If you forget to indicate your name, your class, or your section I am unlikely to reply to your email. (this applies all the way to the end of the semester).***

What

The goal of this course is to make you familiar with the basics of neuropsychology, that is, the study of the relationship between the brain and nervous system structures, and behavior.

We will therefore look at the various nervous system structures, and what behaviors they are involved with. We will then be studying what can go wrong with those nervous system structures, and what the resulting behavioral disorders are. We will also be learning about the methods in which knowledge is gained about the brain and the related behaviors.

Recommended Reading

Available at the Livingston bookstore

Principles of Neuropsychology, by Eric Zillmer, Mary Spiers, and William Culbertson. 2nd edition (2008). Published by Thomson and Wadsworth.

I realize the main book is expensive, as all college textbooks are. I honestly don't care if you get the loose-leaf version, some international edition that officially isn't supposed to be sold in the U.S., or the hardback.

This book is recommended, **not required**. You can find another source with background information about the topics covered in class. **The review questions that will be posted on Sakai are your guide to what you must know.**

There will be copies of the correct edition of the book on reserve in the Kilmer library on Livingston campus.

Class Website

- The class has a Sakai website which you should have access to if you are enrolled in the course.
- Make sure you check that you can access our site, and keep an eye on announcements from the site.
- The class slides (which are only an outline of the material covered) will be posted on Sakai. Posting will take place before class, so you can take notes on the printouts, but there may be empty slides with material to be filled in in class.
- Assignments will be posted Sakai. Count on three assignments before each exam.
- Most importantly review questions will be posted on Sakai. They basically spell out what you should know for each exam. If you thoroughly know the answers to the review questions, you will do well in the course.

Tentative Class Schedule

Week	Dates	Topic
1	Tue, January 21	Course Rules/ What is neuropsychology/Outline

	Fri, January 24	History & theoretical issues in neuropsychology/Terminology
2	Tue, January 28	Brain cells/Embryology & development
	Fri, January 31	Neuroanatomy, Parts, Support
3	Tue, February 4	Neuroanatomy, spinal cord, cranial nerves
	Fri, February 7	Neuroanatomy, intro brain
4	Tue, February 11	General brain damage (trauma, vascular disorders, tumors)
	Fri, February 14	General brain damage,
5	Tue, February 18	Methodology, imaging
	Fri, February 21	Methodology, electrophysiology, sleep
6	Tue, February 25	EXAM 1
	Fri, February 28	Epilepsy
7	Tue, March 4	Sensory systems/occipital lobes
	Fri, March 7	Occipital lobes
8	Tue, March 11	Temporal lobes
	Fri, March 14	Temporal lobes
SPRING BREAK		
9	Tue, March 25	Parietal lobes
	Fri, March 28	Parietal lobes/ Frontal lobes
10	Tue, April 1	Frontal lobes motor function
	Fri, April 4	EXAM 2
11	Tue, April 8	Motor function disorders
	Fri, April 11	Executive function
12	Tue, April 15	Hemispheric specialization
	Fri, April 18	Plasticity
13	Tue, April 22	Memory/Language disorders
	Fri, April 25	Language/reading disorders
14	Tue, April 29	Childhood disorders
	Fri, May 2	Aging & Dementias
15	Study	
16	May 14	FINAL EXAM 8-10:30 am

What makes the grade?

(1) Exams

- There will be three non-cumulative exams. Two exams during the semester and a final exam. Material covered in each exam is indicated below. The two exams during the semester will be held in our normal location. The final exam will be held in our normal location, unless you get email/Sakai notification to the contrary.

- There will be non-cumulative make-up exams ONLY for those who present a doctor's note or a Dean's note within a week of the missed exam to the instructor.

Exam 1:	Material wks. 1-5	30% of grade
Exam 2:	Material wks. 6-9	30% of grade
Exam 3:	Material wks. 10-14	30% of grade

- *If* you have a conflict for the final exam, which is defined as follows by SAS:
 - More than two (2) final exams on one calendar day
 - More than two (2) final exams scheduled in consecutive periods (ex: A student has exams scheduled for 4:00-7:00 pm and 8:00-11:00 pm on one day and 8:00-11:00 am on the following day.)
 - Two final exams scheduled for the same exam period.
- *Then* you are allowed to ask for a makeup on the basis of conflict.
- In order to obtain it, you need to go to <http://finalexams.rutgers.edu> and log in (it's at the top of the page). Print out your final exam schedule and only then come to me. You should actually be able to do this on the first day that your schedule is finalized. The day before the exam conflict is TOO LATE to come asking for a makeup!
- Exam characteristics:
 - 50 Multiple choice questions
 - Covers lecture and book

(2) Assignments

- Assignments make up the remaining 10%. They are completed on Sakai, and they will have a deadline, after which you CANNOT submit the assignment. Assignments will be Multiple choice practice/review questions, they are open book. There will be about 3 assignments per "exam period".

(3) Extra Credit

- There will be extra credit in the form of clicker questions during class. The total possible extra credit is 5 course points (i.e. half a letter grade).
- For each day there are clicker questions – by no means all classes – you earn a percentage grade.
- At end of semester all percentage grades are averaged and the proportion multiplied by 5.
- Clicker questions start counting with the questions on January 31st. Days before then are to make sure your clicker works, so do bring it.
- The spreadsheets showing responses during a class will be posted within 4 days of the class. It is your responsibility to check if your clicker answers were received by my signal receiver. If it was a poll, it will just say if the clicker responded during class, and not indicate what responses were given.
- THERE IS NO OTHER EXTRA CREDIT

How to do well in the course

- Come to class, and arrive in time. Announcements are at the beginning of class.
- Pay attention in class (i.e. what is getting explained/emphasized). Get enough sleep before class, or your body will be present but not your brain.
- Prepare the answers to the review questions, start early. KNOW the answers, be able to explain them to your roommate!
- Buy/borrow/dig up your old Turning point clicker and use it in class so you get the extra credit.

Grading Scale for letter grades end semester

A	90% or higher
B+	85% - 89%
B	80% - 84%
C+	75% - 79%
C	70% - 74%
D	60% - 69%
F	below 60%

Course Ground Rules

(a) In class

I really only want you in class if you are going to be paying some attention, so be so kind as to turn off your cell phone, and if you urgently need to have a conversation, or if you want to read the newspaper or do crosswords rather than be in class, you are free to do so, but go elsewhere.

(b) Academic dishonesty

You are required to abide by the Rutgers policy on academic integrity; please familiarize yourself with this policy, you can view it at <http://academicintegrity.rutgers.edu/integrity.shtml>
Read the section on level three violations and the sanctions that follow!

(c) Absences from class

It is your responsibility to arrange to obtain information (other than the downloadable class slides, and those are outlines) if you miss one or more classes. Please do not ask or send email to the professor or teaching assistant. If you can, arrange in advance for someone in the class that you know to take good notes for you.

(d) Missing an exam

You will be allowed to take a make-up exam if, within one week of the exam, you present a doctor's note or letter from your dean's office to the professor.

(a) For illnesses: I need a doctor's note to verify your illness. So if you get sick, *get a doctor's note.*

(b) For car accidents: the dean will most likely ask for a police report to verify that the accident took place.

(c) For personal or family emergencies: the dean will most likely require some verification of the emergency (such as a death certificate if a relative has died). If it is a personal issue of some other nature, it will be up to the judgment of the dean to determine whether or not you should be excused from the exam (and thus be allowed to take the make-up).

Basically folks: I need some paper documentation from you.

Note: Your decision to remain enrolled in the course after the first class session is your implicit agreement to abide by everything stated above.