

# **Syllabus Neuropsychology (Asynchronous Remote) 310 section 01 – Fall 2020 Version 08-31-2020**

## **What is this course about?**

- 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 first 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. Along the way, we will also be learning about the methods in which knowledge is gained about the brain and the related behaviors.

## **Where is the course information available?**

- 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 check your email regularly for announcements from the site (or just check “announcements” on the site).
- The Sakai site will have:
  - The voicethread link to the lectures
  - The powerpoint slides for the lectures (will be posted under “Resources”)
  - The review questions which are your guide to what you have to know (will be posted under “Resources”)
  - The assessments (will be posted under “Tests and Quizzes” – this means Quizzies, Mini-exams and the Final exam will all be here - when their time comes).
  - Announcements – The weekly zoom link for office hours, the weekly checklist with items to complete, and any other announcements

## **Who is teaching this course?**

Instructor: Estelle Mayhew

Instructor email: [emayhew@rutgers.edu](mailto:emayhew@rutgers.edu)

TA : Alper Bakir

TA email: [ab1988@rutgers.edu](mailto:ab1988@rutgers.edu)

## **What is the book for the course?**

### **Required book**

Cognitive Neuroscience, 4th ed. (2018), Banich & Compton, Cambridge University Press, ISBN:978-1-316-50790-2.

This is a relatively cheap textbook, so please acquire it.

**The review questions that will be posted on Sakai are your guide to what you must know for the exams and will have page indications to the book (IF the topic is covered in the book).**

## What are the technical requirements for the course?

- This course is asynchronous remote, so the main technical requirement is a computer with sufficient speed and a good internet connection to watch the lectures and to take quizzes and exams.
- Please see the student technical requirements page for suggestions <https://it.rutgers.edu/technology-guide/students/?loc=new-brunswick>
- If you do not have the appropriate technology for financial reasons, please email Dean of Students [deanofstudents@echo.rutgers.edu](mailto:deanofstudents@echo.rutgers.edu) for assistance.

## How will the lectures work for this class?

- The lectures will be posted via Voicethread (accessible via Sakai) on the days that this course was originally scheduled for (MW 1:40-3:00 pm).
- The lectures will be up for 96 hours (4 days) after they are posted, then they will come down (Monday lectures come down Friday/Wednesday lectures come down Sunday). This should allow you to find a convenient time to ‘come to lecture’.
- In the 24 hours before the mini-exams the lectures covered by the mini-exam will again be available for you to go over if you missed any.
- Since the final is cumulative, all lectures (except the first one) will be up during the reading days at the end of the semesters as well.
- The lectures are my intellectual property, and you may therefore not record them or download them.

## How can I communicate with the instructor?

### (1) Email and email procedures

My email is [emayhew@rutgers.edu](mailto:emayhew@rutgers.edu)

#### *Questions via email*

- Email is probably the best medium to ask me questions, both about course material and if you are having issues which are affecting your ability to succeed in the class.
- I will try to get back to you within 3 days.
- If you ask an administrative question for which the answer is clearly in the syllabus or in the announcements on Sakai, I will reply with "check syllabus and announcements on Sakai". So if you have checked those places and still have an administrative question, start with

something like "I read the syllabus and the announcements, and I could not find the answer to the following question".

*Politesse*

- Do please remember to SIGN (that means first and last name) your emails.
- I have more than 700 students this semester, and I am afraid I am unlikely to remember who you are, even if you have emailed before. Therefore you also need to indicate in EVERY email WHICH CLASS you are in. ***If you forget to indicate your name, or your class, I am unlikely to reply to your email. (this applies all the way to the end of the semester).***

## **(2) Open zoom office hours**

*Office hours:*

- Wednesdays 10-11 am. I will be posting a zoom office hour link in announcements in Sakai every week. Since they are open office hours, it's first-come-first-served. If you log in and someone else is talking to me, you will be in the waiting room until the person before you is done. Please let me know by email if the waiting room wait didn't work. If this turns out to be too busy or works poorly, I may switch to signup slots. Stay tuned for updates.

## **(3) Office hours by appointment (also zoom)**

*To arrange office hours "by appointment"*

- If you can't make my standard office hours (e.g. you're working Wednesday mornings, you are in a totally different timezone) we can meet "by appointment". What this means is that we need to coordinate our schedules. The fastest way to do that is to send me the slots of time that you can be available, and I will look at those and pick some times that also work with my schedule (which varies from week to week).
- Example of timeslots (i.e. adjust for your availability): Mondays 10-12 and 3-4, Tuesdays 9-12, Wednesdays after 4, Thursdays before 2, Fridays no availability. Please indicate what timezone the timeslots you send me are referring to.
- Sending me just one time is almost never going to work, so be comprehensive the first time and save us some email back and forth.

# **What makes the grade?**

## **(1) Mini-Exams**

- There will be six non-cumulative mini-exams, of which the LOWEST grade will be dropped.
- The highest 5 mini-exams are each worth 12 course points, i.e. in total mini-exams make up 60% of your course grade.
- Exam characteristics:
  - 20 Multiple choice questions via Sakai
  - Covers lecture & book, see review questions
  - 35 minutes on the day indicated (there will also be lectures posted on those days folks!)
  - Mini's will be available for 12 hours, but once you log in you have 35 minutes to complete the mini-exam.

## (2) Cumulative Final Exam

- There will ONE cumulative final exam.
- See further down in the syllabus for absence policy for exams.
- The final exam is worth 20 course points, i.e. in total the final makes up 20% of your course grade.
- Exam characteristics:
  - 35 Multiple choice questions via Sakai
  - Covers lecture & book for the whole semester, see review questions
  - 75 minutes on the day indicated
  - The final is open for the 75 minutes.
- If you cannot make the original time slot (Dec 18 – from 8 am to 9:15 am), you have to let me know in advance, so that I can set you up for the alternate date and time, which is December 20, from 4 pm to 5:15 pm.

## (3) Quizzies

- Quizzies (I needed something smaller than ‘quiz’ and I used ‘mini’ for the examlets) will be posted together with MOST lectures (i.e. not all). Each will be worth one course point, or 1% of your grade. Just like the minis and the final exam, they will be completed on Sakai, and they will have a deadline, after which you CANNOT access the quizzies.
- Quizzies will be a combination of multiple choice practice/review questions, open questions and polls. They will be open notes.
- Given that there will be more than 20 quizzies, it behooves you to take them all, as the points over 20 are extra credit.
- **THERE IS NO OTHER EXTRA CREDIT; REQUESTS FOR ADDITIONAL EXTRA CREDIT OPTIONS AT THE END OF THE SEMESTER WILL NOT BE GRANTED**

## How to do well in the course

- This whole learning remotely thing is challenging for everyone. For assistance with learning how to address these challenges, please consult the resources available here: [https://rlc.rutgers.edu/remote\\_instruction](https://rlc.rutgers.edu/remote_instruction)
- The key for most of us is upping our time management skills (I am definitely including myself in this statement!)
- Make a standard schedule for your week and schedule the times for :
  - watching the Voicethreads for this class.
  - Taking the quizzies that go with the lectures
  - Working on the review questions, both preparing them and studying them so that you are ready for the mini-exams and eventually, the final exam.
- I will post weekly checklists of what to do for the course that week. These will go out on Mondays via Sakai announcements. When you get these mark the items on your schedule (in principle you should have the recurring items on there already).
- The quizzies have deadlines, and if you miss one, you forego the point. They will not be reopened, as there are more quizzies than needed for the full 20% of the grade, so there is a slight brain fart buffer.

- The class slides (which are only an outline of the material covered) will be posted on Sakai. Posting will take place at the same time as the Voicethread, so you can take notes on the printouts, but there may be empty slides with material to be filled in in class.
- **Recent research on methods of notetaking and memory suggests that handwritten notetaking is significantly more likely to result in remembering the material than notetaking on the computer. So for this class I recommend taking notes on printouts or some other paper notebook. EVEN IN THE REMOTE ENVIRONMENT. The advantage of Voicethreads is you can make me repeat, repeat, repeat ☺**
- Make sure you are well-rested when you watch the Voicethreads.
- Most importantly, do the review questions across the weeks. They will be posted on Sakai. **Prepare the answers to the review questions. These questions are your guide to what you should know. So KNOW the answers, be able to explain them to others in your house, whether they be siblings, parents, grandparents or friends!**
- Get in touch with me if you are having issues that are affecting your ability to succeed in this course.

## What is the order of topics in this class?

Note that this is a Tentative Class Schedule (i.e. this can CHANGE)

Week	Dates	Topic
1	Wed, Sep. 1	Course Rules/ What is neuropsychology/Outline
2	Tue, Sept. 8 Note bizarro day	History & theoretical issues in neuropsychology/Terminology
	Wed, Sept. 9	Brain cells/Embryology & development
3	Mon, Sept. 14	Neuroanatomy, Parts, Support
	Wed, Sept. 16	Neuroanatomy, spinal cord cranial nerves
4	Mon, Sept. 21	MINI-EXAM 1 Neuroanatomy, cranial nerves intro brain
	Wed, Sept. 23	General brain damage (trauma, vascular disorders, tumors)
5	Mon, Sept. 28	General brain damage cont'd
	Wed, Sept. 30	Methodology, electrophysiology
6	Mon, Oct. 5	MINI-EXAM 2 Methodology cont'd
	Wed, Oct. 7	Methodology Sleep
7	Mon, Oct. 12	Sleep/epilepsy
	Wed, Oct. 14	Epilepsy/ Sensory systems
8	Mon, Oct. 19	MINI-EXAM 3 Occipital lobes
	Wed, Oct. 21	Occipital lobes
9	Mon, Oct. 26	Temporal lobes
	Wed, Oct. 28	Temporal lobes
10	Mon, Nov 2	Temporal lobes/ Parietal lobes

	Wed, Nov. 4	MINI-EXAM 4 Parietal lobes
11	Mon, Nov. 9	Attention/Frontal lobes
	Wed, Nov. 11	Frontal lobes motor function
12	Mon, Nov. 16	Motor function disorders
	Wed, Nov. 18	Executive function
13	Mon, Nov. 23	MINI-EXAM 5 Hemispheric specialization
	Wed, Nov. 25	NO CLASS RU schedule change
14	Mon, Nov. 30	Hemispheric specialization
	Wed, Dec. 2	Plasticity
15	Mon, Dec. 7	Language
	Wed, Dec. 9	Aging & Dementias MINI-EXAM 6
		Study like your life depends on it!
16	December 18 December 20	FINAL EXAM 8-9:15 am ALTERNATE FINAL 4-5:15 pm

## Grading Scale for letter grades end semester

- There are no extra points for those who improve across the semester, just as there are no points taken off for those who do worse as the semester progresses.

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

## Am I allowed to cheat?

- Eh, NO (duh). You are expected to abide by the Rutgers policy on academic integrity; please familiarize yourself with this policy, you can view it at <http://nbacademicintegrity.rutgers.edu/home-2/academic-integrity-policy/> / There's a student section also: <http://nbacademicintegrity.rutgers.edu/home-2/for-students/>
- Use of external website resources such as Chegg.com or other sites to obtain solutions to homework assignments, quizzes, or exams is cheating and a violation of the University Academic Integrity policy. Cheating in the course may result in grade penalties, disciplinary sanctions or educational sanctions. Posting homework assignments, or exams, to external sites without the instructor's permission may be a violation of copyright and may constitute the facilitation of dishonesty, which may result in the same penalties as plain cheating.

- All students will need to sign the Rutgers Honor Pledge on every major exam, assignment, or other assessment as follows: **On my honor, I have neither received nor given any unauthorized assistance on this examination (assignment, paper, quiz, etc.).**

## What if I can't make lecture?

- Lectures are in the form of Voicethreads, which are up for 4 days (i.e. 96 hours). If you cannot view the lecture in those 4 days you will be able to view it in the 24 hours before the mini-exam that includes it.
- If you are expecting to miss more than two classes in a row, please use the University absence reporting website <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. An email is automatically sent to me.

## What if I can't make a quizzzy, mini-exam or the final exam?

- **Quizzies** – there will be more quizzies than the 20 needed for the 20% of the course grade, so missing one or two is not a big deal. Quizzies are open for 96 hours, like the Voicethreads. HOWEVER, because there is a quizzzy buffer they will not be re-opened after the deadline
- **Mini-exams** – There will be 6 mini-exams, and the lowest grade will be dropped, so if you miss one, that will be your lowest grade. If you miss a further mini-exam you will have to take a makeup *at the end of the semester*.
- Mini's will be available for 12 hours, but once you log in you have 35 minutes to complete the mini-exam.
- **Final exam** – There are two slots for the final. If you have to miss the first slot, let me know and I'll set you up for the second slot. If you miss the second slot, you will have to take a makeup at some later date.

## General Support

- This is a difficult time, and you may find yourself in any of various circumstances where you need help of one kind or another. Please don't hesitate to ask for help, either from me or from Rutgers institutions/services.
- The link to the School of Arts and Sciences (SAS) general help page is <https://sasundergrad.rutgers.edu/help> It has links to many different services at Rutgers.
- If you are facing financial hardships, please visit the Office of Financial Aid at <https://financialaid.rutgers.edu/>.

## Rutgers Academic Support Services

Rutgers has a variety of resources for academic support. For more information, check <https://sasundergrad.rutgers.edu/academic-standing/student-services>

This page has links to :

- Counseling services <http://health.rutgers.edu/medical-counseling-services/counseling/>
- Learning centers <https://rlc.rutgers.edu/>
- Dean of students office <http://deanofstudents.rutgers.edu/>

## Rutgers Student Accommodations

- If you need special accommodations, let me know early in the semester, go through the process at ODS and email me the Letter of Accommodation from the disability office (see below).
- Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

## Student Wellness Services

### Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/

<http://health.rutgers.edu/medical-counseling-services/counseling/>

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professionals within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community, and consultation and collaboration with campus partners.

**Crisis Intervention** : <http://health.rutgers.edu/medical-counseling-services/counseling/crisis-intervention/>

**Report a Concern:** <http://health.rutgers.edu/do-something-to-help/>

### Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / [www.vpva.rutgers.edu/](http://www.vpva.rutgers.edu/)

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and

stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

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