

BEHAVIORAL NEUROSCIENCE (PSYC 5352.060)

Spring 2025

Instructor: Yvonne Ralph, Ph.D.

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Office: HPR 209

Virtual Office Hours: Tues & Thurs 11:00-12:30

<https://uttyler.zoom.us/j/85877654814?pwd=8wZAZW9Y4HxPZF5vDnZ6ltUqbNY5D2.1>

COURSE OVERVIEW

A survey of the basic anatomy and neurochemistry of the brain as it relates to both normal and abnormal behavior. This includes every major neurotransmitter of the brain and abnormalities of these systems as they relate to human behavior.

CLASS ORGANIZATION

There will be no mandatory meetings. For those who are interested in having an opportunity to meet with other students and discuss course content there will be scheduled **optional** meetings based on student availability. For these meetings, I will join the meeting and participate in dialogue, but will not lecture or “lead” the discussion.

In addition, there will be an open general discussion board where you can all share ideas and questions. Each week you will have assigned readings in canvas, video lectures, and with some discussion or other “participation” assignments. Engaging in these assignments is an important part of your grade, so please make sure you are keeping up with them.

Finally, you will have a content quiz each week. These quizzes are in lieu of exams and are a large portion of your grade.

TEXTBOOK AND MATERIALS

Required:

<https://openstax.org/books/introduction-behavioral-neuroscience/pages/1-introduction>

(additional readings will be posted in Canvas)

A student at UT Tyler is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Assignments and weights/point values

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|-----------------------------------|-----|
| 1. Weekly Quizzes | 60% |
| 2. Presentation | 20% |
| 3. Class Participation/Engagement | 20% |

Grading Scale:

A 90% or greater

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B	80 – 89%
C	70 – 79%
D	60 – 69%
F	below 60%

Late Work and Make-Up Exams: I will consider make-up or late work on a case-by-case basis. If you know that you will not be able to take a quiz, turn in an assignment, etc.. by the due date, see me as soon as you know this so we can find a solution that will keep you on track.

Presentation: Students will select a topic covered in class to present on. The presentation will tie class content to an area of clinical psychology that interests them. The presentation should be based on peer reviewed research from multiple sources. These presentations will be video recorded and submitted.

Late Policy: Assignments receive -2 points for every 24 hours late.

COURSE GUIDELINES

Academic Misconduct: Academic misconduct (e.g., cheating, plagiarism) will not be tolerated. All work on course tasks is to be done individually.

Communication: Email is the best way to get ahold of me. I generally reply to emails during working hours within two business days.

Disability Accommodations: If there is anything I can do to make the course more accessible, please let me know.

COURSE SCHEDULE

Wk.	Date	Lecture & Discussion Topic	Readings	Assignments Due Sun at 11:59 pm unless stated otherwise
1	Jan 15th	Welcome/Syllabus Introductions	Ch.1	Ch 1 Quiz
2	Jan 22nd	Structure and Function of the Nervous System	Ch. 2	Ch 2 Quiz
3	Jan 29th	Biopsychology	Ch. 3	Ch 3 Quiz
4	Feb 5th	Consciousness	Ch. 5	Ch 5. Quiz
5	Feb 12th	Sensation, & Perception	Additional reading	Sensory Quiz
6	Feb 19th	Learning	Additional reading	Sensory Quiz
7	Feb 26th	Thinking and Intelligence	Ch. 11	Ch. 11 Quiz
8	Mar 4th	Memory	Ch. 12	Ch. 12 Quiz
9	Mar 11 SPRING BREAK			
10	Mar 18th	Lifespan Development	Ch. 13	Ch. 13 Quiz
11	Mar 25th	Exam Emotion and Motivation	Ch. 14	Ch. 14 Quiz
12	Apr 1st	Personality	Ch. 16	Ch. 16 Quiz
13	Apr 8th	Social Psychology	Ch. 18	Ch. 18 Quiz
15	Apr 15th	Psychological Disorders	Ch. 19	Ch. 19 Quiz
16	Apr 22nd	Flex		
	Apr 29th	Finals Week	N/A	