

Mary Baldwin University
Psychology 305 – Behavioral Neuroscience
Online Course Fall 2021

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Text: Course Text (Required):

Kalat, J.W. (2016). Biological Psychology (Cengage 12 th ed.) ISBN 9781305105409

Course objectives: Upon successful completion of this course, students will be able to:

1. Describe the relationship between brain function and behavior.
2. Describe the function of neurons.
3. Explain connections between gross anatomical characteristics of the nervous system and functional characteristic of the nervous system.
4. Discuss the essential elements of neuropsychological research.
5. Describe overviews of research techniques used in neuropsychology.
6. Explain the functional role of the nervous system relative to arousal.
7. Summarize the essential elements of pain.
8. Describe how the nervous system influences sexual behavior and emotion.
9. Summarize the role of the nervous system relative to learning and motivation.

Course Requirements:

- 1.) Every week students will be required to respond to a **Discussion Board Question (DBQ)** relating to that week’s material. You will make your initial post by Friday of each week and post a response to a classmate post by the end of the day Sunday. These assignments will be worth 25% of your grade.
- 2.) **Quizzes.** Most weeks there will be a short on-line quiz covering the assigned chapters for that particular week. You must take the quiz by the end of the day Sunday. Quizzes will be worth 25% of your grade.
- 3.) **Exams** – There will be a midterm and final exam. Exams may be a combination of multiple choice, short answer and essay questions. The midterm exam will be worth 25% of your final grade and the final will be worth 25% of your grade.

Course Schedule:

<u>Dates</u>	<u>Reading Assignment</u>	<u>Assignments Due</u>
Week 1 8/30	Chapter 1 – Nerve Cells and Nerve Impulses	DBQ- Discussion Board Questions
Week 2 9/6	Chapter 2 – Synapses	DBQ Quiz
Week 3 9/13	Chapter 3 – Anatomy and Research	DBQ Quiz
Week 4 9/20	Chapter 4 – Genetics	DBQ Quiz
Week 5 9/27	Chapter 5 – Vision	DBQ Quiz
Week 6 10/5	Chapter 6 – Other sensory systems	DBQ Quiz
Week 7 10/11 – 14	Chapter 7 – Movement	DBQ Quiz
Week 8 10/19	Chapter 8 – Wakefulness and sleep	DBQ Midterm Exam Chapters 1-7
Week 9 10/25	Chapter 9 – Internal Regulation	DBQ Quiz
Week 10 11/1	Chapter 10 – Reproductive Behavior	DBQ Quiz
Week 11 11/8	Chapter 11 – Emotional Behavior	DBQ Quiz
Week 12 11/15	Chapter 12 – Learning and Memory	DBQ Quiz
Thanksgiving Break – 11/23 – 11/28 No assignments		
Week 13 11/29	Chapter 13 – Cognitive Functions Chapters 14 – Psychological Disorders	DBQ

Week 14
12/6 – 12/10

Final Exam

EXAM DUE 12/10

Honor Code:

Students are expected to abide by the Mary Baldwin University honor code and conduct themselves accordingly. Any form of plagiarism, cheating, or dishonesty will be reported to the Dean.

Late Policy:

Without prior notification and a valid excuse, late assignments will be marked down half a letter grade for every week they are late. Keeping your instructor informed is critically important!

Extension Policy:

At the student's request, extensions may be granted to those who have not completed all the course work by the MBU declared deadline for the given semester. However, students must have completed at least half of the required work in a good faith effort and/or have extenuating circumstances in order to be approved for an ET.

E-mail Activation:

All MBU students are required to activate their MBU issued e-mail accounts. These accounts will be the primary source for communication from the instructor and are thus crucial for your success in this course.

Source Documentation and Group Work:

When students reference an outside source in their written work they will be required to state the author's name(s) and the year of publication. Reference pages are only required with the Research Paper.

With the exception of exams students are permitted to help one another on their written assignments. Each student must complete her or his assignment individually (e.g. you can't collaborate on a paper) but peer support and review is often helpful and strongly encouraged.