

Introduction to Behavioral Neuroscience Syllabus (Summer 2018)

Instructor: Dr. Jason Pipkin, PhD

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Office hours: Time & location (TBD)

Materials:

- Textbook (recommended) [Biological Psychology](#) (Kalat, JW)

Course Requirements:

- **Reading:** Students are expected to complete readings prior to class
- **Participation:** Students are expected to participate in both one-on-one and group discussions during class and in-class exercises
- **Assessment:** There will be three exams composed of multiple choice and short answer questions. Each exam will focus on the most-recently learned information, but will require students to draw upon knowledge learned throughout the course.
- **Grading:** Each exam will be worth 100 points. Any challenges to a grade must be made within one week of the grade being received.
- **Grading System:** 300-270 = A, 269 – 240 = B, 239 -210 = C. The top 10 points of the range earns a “plus” the bottom 10 points of the range earns a “minus”.

| Tentative Syllabus | | | |
|---------------------------|-------|---|---------------------|
| Date | Day | Topic | Recommended Reading |
| 6/4/18 | Mon | Introduction | |
| 6/5/18 | Tues | The nervous system: cells & synapses | Chapt 2 & 3 |
| 6/7/18 | Thurs | The nervous system: anatomy & chemistry | Chapt 4 |
| 6/11/18 | Mon | Sensory systems: vision | Chapt 6 |
| 6/12/18 | Tues | Sensory systems: audition | Chapt 7 |
| 6/14/18 | Thurs | Sensory systems: chemosensation | |
| 6/18/18 | Mon | Exam 1 | |
| 6/19/18 | Tues | Motor behavior | Chapt 8 |
| 6/21/18 | Thurs | The brain and the body | Chapt 9 |
| 6/25/18 | Mon | Exam 2 | |
| 6/26/18 | Tues | Emotions | Chapt 12 |
| 6/28/18 | Thurs | Development | Chapt 5 |
| 7/2/18 | Mon | Learning & memory | Chapt 13 |
| 7/3/18 | Tues | The neurobiology of disorders | Chapt 15 |
| 7/5/18 | Thurs | Exam 3 | |