

Spring 2022

Psychobiology - 25632 - PSYC 4324 – 001

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Office Hrs. Tuesday and Thursday, 8:00-8:45 and 10:30-11:30 AM (Psych 205)

Lectures: TR 09:00-10:20 AM Classroom Building C305

Textbook: Psychology: The Science of Behavior, Sixth Edition, R.H Ettinger, © 2018, ISBN: 9781517803940; BVT Publishing

<https://www.bvtpublishing.com/book/1040#/book/info/1040/view/available-formats>

Useful Website: <https://www.biopsychology.com/news/>

The site provides quick access to links to the latest news and research in behavioral, cognitive, and clinical neuroscience, and cross-references links to general topic keywords. Biological Psychology NewsLink gives you a quick way to stay abreast of the latest developments in these fields.

Prerequisites:

Course or Test: BIOL 2340 Minimum Grade of C may not be taken concurrently or
Course or Test: PSYC 2324 Minimum Grade of C may not be taken concurrently and
Course or Test: PSYC 3101 Minimum Grade of C, may not be taken concurrently, and
Course or Test: PSYC 3201 Minimum Grade of C, may not be taken concurrently.

COURSE DETAILS

Description

Psychobiology 25632 is a survey course that examines the physiological bases of sensation, motor functions, emotion, motivation, and complex psychological processes. The content of the class falls into three general topical areas: 1): an examination of neurons and transmitters; 2): a description of sensory and motor systems; and 3): a summary of various behaviors and how the brain and the peripheral nervous system control these. The course assumes some background in biology and/or physiology; it is recommended that each student have at least 6 hours of biological coursework.

Lectures and Class Attendance

In this course, I will present lectures according to the schedule found below; In addition, I will use the class period to give demonstrations, show audiovisual materials of physiological experiments, and to discuss the text material.

You are responsible for all material that is covered in the lecture. **Class attendance is expected of all students. Some of the material I cover is not in the text**, and I reserve the right to use the lecture period to go over critical elements as well as to test current knowledge.

Exams

Grades will be based on four (4) term exams as well as one class presentation.

- Each exam will be equally weighted at 100 points. Each exam will consist of multiple-choice items, identifications, matching, and essay items. Exam material will be drawn from the lectures, class discussions and class presentations.
- Class presentations: (see details below) 200 points.
- Grades will be assigned on a straight percentage basis (90% of 1000 points will warrant an "A", etc.). I reserve the right to adjust the overall distribution of scores (at the end of the semester) but will do so only for the entire class roster.

4 Exams (100 points each)-----	400 points
Class presentation-----	200 points
Final Exam-----	200 points
Attendance-----	<u>200 points</u>
TOTAL-----	1000 points

Final Exam: The final exam will be comprehensive and will be given as scheduled by the University. **Do not make travel or other plans that will conflict with this exam.** The Final Exam will be on **Tuesday, May 10, 10:00 – 12:45 pm.**

Please do not miss an exam unless you have an official excuse:

“Excused Absences for University-Recognized Activities: Students who will be absent while representing the University in officially recognized University activities (sports, band, professional conferences, etc.) must notify the Dean of Students not less than ten days prior to the absence. The Dean of Students will provide the student with a letter of excuse for the professors. It is the student’s responsibility to give the letter to the professors prior to the official recognized activity. Students following these procedures will be permitted to make up both assignments and examinations in consultation with faculty.”

Makeup exams (for approved university absences) will be scheduled to take place within ten days of the missed exam period.

Drop Dates and Policy: Course Drop Deadline is **April 1st.**

Americans with Disabilities Act

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

Class Presentations

During the semester, you will prepare one class presentation along with another two students (each team will be integrated by three students). Presentations will have a duration of fifteen minutes plus five minutes to allow questions. The order and the topic will be assigned the first day of classes, along with the grading criteria.

COVID-19 Precautions

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID 19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org

CLASS SCHEDULE

DATE	TOPIC
<u>Jan</u>	
18 T	Class Introduction; topic distribution
20 R	Cells of the NS
25 T	Structure of the NS
27 R	Psychopharmacology
<u>Feb</u>	
01 T	Neuroscience Methodology
03 R	Topic presentation (teams 1 to 3)
08 T	Topic presentation (teams 4 to 6)
10 R	Exam 1
15 T	Vision
17 R	Audition, Body senses, Chemical senses, Pain
22 T	Movements
24 R	Sleep
<u>Mar</u>	
01 T	Topic presentation (teams 7 to 9)
03 R	Exam 2
08 T	Reproductive Behavior
10 R	Emotion
15 T	Spring Break
17 R	Spring Break
22 T	Ingestive Behavior
24 R	Learning and Memory
29 T	Human Communication
31 R	Topic presentation (teams 10 to 12)
<u>Apr</u>	
05 T	Topic presentation (teams 13 to 15)
07 R	Exam 3
12 T	Schizophrenia and Affective Disorders
14 R	Anxiety Disorders, Autistic Disorders,
19 T	Stress Disorders
21 R	Drug Abuse
26 T	Drug Abuse
28 R	Topic presentation (teams 16 to 18)
<u>May</u>	
03 T	Review
05 R	Exam 4
10 T	Final examination (13:00-15:45)