

PSY 325-92157 Physiological Psychology

Arizona State University - Polytechnic Campus
Fall 2023, Monday & Wednesday 1:30pm – 2:45pm
SanTan 132

Instructor: Mr. Bryan Camp

E-mail: Bryan.W.Camp@asu.edu

Office: SANCA 250A

Office Hours: Monday & Wednesdays 12:00 to 1pm Friday by Appointment

Textbook Discovering Behavioral Neuroscience 4th Edition Laura A. Freberg. The copyright date is 2018. The publisher is Cengage.

Canvas: All Course Materials, Homework Assignments and announcements will be posted on Canvas.

Course Description & Competencies

Relationships of physiological processes to behavior. Emphasizes nervous system functioning.

Prerequisites: Prerequisite(s): PSY20 with a C or better or two of the following courses with a C or better: BIO 181 (or 188), 182 (or 187), 201, 202. Credit is allowed for only LSC325 or PSY325 or PTX 325 OR Visiting University Student

By the end of the semester you will be able to understand how the following impact your everyday cognition:

1. Functional Neuroanatomy
2. Neurophysiology
3. Psychopharmacology
4. Vision
5. Audition
6. Sensation and Perception
7. Genetics
8. Homeostasis
9. Motivation
10. Sleeping and Waking
11. Learning and Memory
12. Emotion
13. Aggression
14. Stress
15. Neuropsychology
16. Psychopathology

PSY 325 Tentative Course Schedule

Schedule is subject to change. Changes will be posted on Canvas and announced in class.

21-Aug	Monday	Chapter 1 What is Behavioral Neuroscience?
23-Aug	Wednesday	Chapter 1 What is Behavioral Neuroscience?
28-Aug	Monday	Chapter 2 Functional Neuroanatomy
30-Aug	Wednesday	Chapter 2 Functional Neuroanatomy
04-Sept	Monday	NO CLASS LABOR DAY
06-Sept	Wednesday	Chapter 3 Neurophysiology
11-Sept	Monday	Chapter 3 Neurophysiology
13-Sept	Wednesday	EXAM 1 (Ch 1-3)
18-Sept	Monday	Chapter 4 Psychopharmacology
20-Sept	Wednesday	Chapter 4 Psychopharmacology
25-Sept	Monday	Chapter 5 Genetics and the Development of the Human Brain
27-Sept	Wednesday	Chapter 5 Genetics and the Development of the Human Brain
02-Oct	Monday	Chapter 6 Vision
04-Oct	Wednesday	Chapter 6 Vision
		EXAM 2 (Ch 4, 5, and 6)
09-Oct	Monday	NO CLASS FALL BREAK
11-Oct	Wednesday	Chapter 7 Nonvisual Sensation and Perception
16-Oct	Monday	Chapter 7 Nonvisual Sensation and Perception
18-Oct	Wednesday	Chapter 9 Homeostasis, Motivation, Reward
23-Oct	Monday	Chapter 9 Homeostasis, Motivation, Reward
25-Oct	Wednesday	Chapter 11 Sleeping and Waking
30-Oct	Monday	Chapter 11 Sleeping and Waking
01-Nov	Wednesday	EXAM 3 (Ch 7, 9, and 11)
06-Nov	Monday	Chapter 12 Learning and Memory
08-Nov	Wednesday	Chapter 12 Learning and Memory
13-Nov	Monday	Chapter 14 Emotion, Aggression, Stress
15-Nov	Wednesday	Chapter 14 Emotion, Aggression, Stress
20-Nov	Monday	Chapter 15 Neuropsychology
22-Nov	Wednesday	Chapter 15 Neuropsychology
27-Nov	Monday	Chapter 16 Psychopathology
29-Nov	Wednesday	Chapter 16 Psychopathology
04-Dec	Monday	EXAM 4 (Ch 12,14,15, and 16)

Chapter Quizzes

Chapter 1	Due Sunday August 27
Chapter 2	Due Sunday September 3
Chapter 3	Due Sunday September 17
Chapter 4	Due Sunday September 24
Chapter 5	Due Sunday October 1
Chapter 6	Due Sunday October 8
Chapter 7	Due Sunday October 22
Chapter 9	Due Sunday October 29
Chapter 11	Due Sunday November 5
Chapter 12	Due Sunday November 12
Chapter 14	Due Sunday November 19
Chapter 15	Due Sunday November 26
Chapter 16	Due Sunday December 3

IMPORTANT DATES:

Drop/Add deadline: 08/23/2023

Course Withdrawal Deadline: 11/01/2023

Tuition & Fee 100% Refund Deadline 08/30/2023

Please refer to the ASU Academic Calendar for further clarification and other important dates: to <http://www.asu.edu/calendar/academic.html>. Notification of any changes in course requirements or policies will be announced through electronic communication such as Canvas or email

In order for you to demonstrate your mastery of the goals or outcomes for the course, you will have the following assessments:

Homework: For every chapter you will have a short assessment of multiple choice and possibly short answer questions assessing your critical thinking skills and your understanding of the material. Each quiz will be worth 10 total points. The due dates for the assignments will be at 11:59pm of the date posted in the syllabus and Canvas. Due dates may change depending on pace of covered material and/or class cancellations.

Exams: There will be 4 open note exams during this course. Exams will take place on Canvas. See course schedule for exam dates. Each Unit exam will be worth 60 points. All exams must be taken before the next scheduled class meeting.

Extra Credit:

The instructor will present several opportunities to earn extra credit during the semester.

Class Attendance and Participation: You are responsible for being in class, and coming prepared by reading the required pages in the text, and doing the required homework. You must come on time as well, if you arrive late find a seat and limit disturbance. We have a lot of material to cover, and late arrivals are unnecessary interruptions. **You will earn a maximum of 40 points.** The points will be broken up to 10 points per Unit. Attendance will be tracked by completed Take Home forms in class. You must contact me in case of absences. Absences related to documented and pre-approved school functions, such as a field trip, performance or athletic event, are an exception. These will not be held against you. Written verification of such activities needs to be submitted before you are absent. If you will be missing a test due to an activity required by the college, arrangements need to be made prior to your absence. It is your responsibility to withdraw if you plan on doing that. Do not assume that I will drop you from class after missing three classes. If you have an emergency, I do not need a note or anything to support your absence.

Late Homework Policy: If there is an approved reason to have late homework we will work that out on an individual basis. Homework submitted up to 24 hours after due date will have no penalty. Homework submitted between 1 day (24h) to 3 days (72h) will have an automatic 10% deduction. Homework submitted between 3 days (72h) to 7 days (168h) will have an automatic 25% deduction. Any homework submitted over 7 days after the due date will have an automatic 50% deduction.

Grading Policy

Chapter Quiz: 31.75% of your grade

Exams: 58.5% of your grade

Attendance: 9.75% of your grade

Grading Scale*

A+= 100 – 98%

A = 97 – 94%

A-= 93 – 90%

B+= 89 – 87%

B = 86 – 84%

B- = 83 – 80%

C+= 79 – 77%

C = 76 – 70%

D = 69 – 60%

E = 59% & below

***Note:** This grading scale is not negotiable.

Course Materials: All course materials including lecture slides, and writing assignments will be on the Canvas website. Important course announcements (e.g. updates to the schedule) will also be posted on Canvas.

Textbook:

Discovering Behavioral Neuroscience: An Introduction to Biological Psychology

4th Edition Author: Laura A. Freberg

Expectations for a Positive Learning Environment

Instructors are expected to be professional, courteous, respectful, and empathic to students.

1. Begin and end class on time.
2. Be prepared for each class session.
3. Provide academic feedback and grade assignments in a timely manner.
4. Be available for individual consultation.
5. Clarify assignments and inform students of any adjustments to the class schedule.

Students are expected to be reflective, courteous, respectful, and empathic to classmates, instructors, and other College staff assisting in your learning.

1. Be in class and be on time.
2. Be prepared for class sessions.
3. Participate in class activities.
4. Follow instructions and complete assignments.
5. Keep up with and turn in assignments by the due dates.
6. Put forth your best effort.
7. Ask questions when you do not understand.
8. Maintain knowledge of your grade status.
9. Contact instructor right away about concerns or situations that interfere with your success in class.
10. Comply with policies found in the College catalog and student handbook.

Statement regarding Outcomes and Assessment

The faculty and programs at ASU are dedicated to effective teaching and successful learning with emphasis in the following areas: communication, critical thinking, literacy, and personal development. Periodically, students will participate in formal and informal assessment activities that will help faculty improve programs and teaching strategies. These activities are designed to facilitate student growth in whatever combination of the above outcomes applies to a course.

COURSE CANVAS SITE:

A Canvas™ site is established for this course. It includes course documents, a course grade book, and an open forum for discussion. To access the site, click on “myASU” on the ASU homepage or point your browser to <http://my.asu.edu>. Each student needs access to a reliable internet connection with a recent browser compatible with the system. If you cannot access the

system from home, you are responsible to find a reliable connection elsewhere. One option could include using a computer lab on one of the ASU campuses.

Students must be familiar with computers and myASU. The instructor is not responsible for teaching students how to use the internet, how to use a computer, or how to deal with technology issues. If you need help connecting to myASU or with technology issues, contact the IT Help Desk at 480-965-6500.

COURSE POLICIES:

1. All students must read the entire syllabus and adhere to all course policies.
2. You are expected to read each assigned chapter before attending each lecture and expected to actively participate in discussions derived from pre-assigned reading. This course is designed to include discussion and practical application of material covered. Familiarity with material to be covered in class will greatly enhance note taking skills during lecture.
3. Lectures will cover important text principles as well as additional concepts; students are responsible for studying both the assigned readings and topics covered in class.
4. Lecture slides will be available on Canvas, but with there will be handouts, examples, and detailed explanations only available in lecture.
5. Included in this syllabus are the tentative dates set for your lectures, discussions, assignments, and exams. Decide now if you can meet the obligations of this course.
6. Students may have the privilege to use laptops for taking notes in the classroom. Laptops are NOT to be used to surf the internet or work on assignments for any class. If students are caught abusing this privilege, open laptops will not be allowed for the entire class. Please do not abuse this privilege!
7. Students are permitted to work on projects or assignments for this course within reason. If I feel like it is impairing your or your classmates learning experience I will ask you to stop.
8. In-class and Canvas announcements and e-mails will be used for course communication. Arrive on time as in-class announcements will be made at the beginning of class. Do not block e-mails from your instructor. It is the student's responsibility to ensure that all verbal and electronic communication regarding this course is received.

9. I expect students to read and follow all assignment directions. Points will be lost if assignment directions are not followed.
10. All assignments (including in-class) will be graded for proper writing skills. Points will be deducted for poor writing skills and/or illegible writing.
11. Late Assignments: All assignments are due at the beginning of the class on the assigned due date. Assignments turned in after class has started (after 8:35am) will be considered late. If you will not be in class when assignment material is due, you should make arrangements with another student to turn it in for you or arrange to turn it in at an earlier class period. 10% will be deducted from the final grade for each calendar day an assignment is late. Late assignments will not be accepted after 7 days.
12. Missing Assignments: If you don't submit written work, you will receive a "0" for that work.
13. Illegible names or assignments: If I can't read your name, you will receive "0" for the work. If I can't read an answer, you will receive a "0" for that answer.
14. I do not pre-grade assignments. I will answer questions regarding clarification of an assignment question and point you in the right direction, but I will not tell you answers are correct or incorrect before an assignment is submitted.
15. E-mail assignments will not be accepted unless otherwise noted. All assignments must be turned in at the appropriate "Assignment" tab in Canvas or in class. Refer to assignment instructions for submission method. If you absolutely need to, exceptions can be made.
16. Grades will be posted in a timely manner following all assignment and exam due dates. It is the student's responsibility to check the Grade Center on a regular basis and notify the instructor of any errors in grading.
17. GRADING DISPUTES: Students have 7 calendar days to submit written justification to challenge a grade; if a written justification is not submitted within this timeframe, challenges to grades will not be considered.
18. Do NOT wait until 1 week before the semester ends and ask if there is additional extra credit or assignments that can be completed to increase points earned. I am typically generous with extra credit and will not honor student requests for additional extra credit at the end of the semester. Please make maximum effort to earn points during

the entire semester and check grade center on a regular basis so you are aware of your class standing at all times.

19. Do NOT e-mail me towards the end of the semester asking if I will re-grade or re-consider your earned points to date. Do not ask me to "add a couple points" or "add a few points" or "add just one point" to your total so you can get your "A", "B", "C" or "not fail the class". I will not honor any of these requests. This is done to be fair to the entire class. Students submitting these requests will receive a "please check our syllabus" reply.
20. Attendance: You are expected to be in class each day. You are expected to arrive on time and stay for the entire class. Late arrivals and early departures are considered disruptive. Missing class will negatively affect your grade in several ways, including but not limited to missing information that is required to complete tests and assignments. It is the responsibility of the student to obtain any information related to course materials, assignments or announcements missed if you are absent.
21. Please turn off cell phones, or put them on vibrate when you come into class. Texting, surfing the net or playing on cell phones, iPods, etc. is not allowed in class. If there is a reason your cell phone must receive a call or text during class, please be respectful of your instructor and fellow classmates. Inform me of the need and step into the hallway to take the call. I will not hesitate to stop the class, request your name and ask for the reason why you are non-compliant with this class policy. Please refer to the Student Conduct section for further information and sanctions for policy violation.
22. I typically allow time before or after each class for students to ask for clarification regarding due dates, assignment instructions, course policies, etc. To minimize the risk of miscommunication it is always best to ask your question during these times. Asking a question in person is always the preferred method for clarification.
23. For student convenience I will open an "Open Forum" in our "Discussion" section of BB. You may ask classmates questions regarding course policies, assignment directions, or general class questions. You may also use this forum to communicate with your group project members. I will not monitor or grade this forum.
24. It is important to note that I thoroughly evaluate all student requests and concerns. Grades are not negotiated. When making a decision regarding a particular student's concern, what is fair to the student and the entire class is considered with each decision.

While individual students may not be happy with some of my decisions, all decisions are made with the goals and needs of the entire class being evaluated.

25. Please notify the instructor of any emergent situations that may impact your performance in this class.
26. This class will follow standard university procedures for grading, issuing of incompletes, and academic integrity
27. Student conduct: Please be courteous to the instructor and fellow students by refraining from disruptive behavior such as having personal conversations, surfing the net, or using cell phones or iPods during lecture, arriving late to class or leaving early. Disruptive behavior will not be tolerated. Students are required to adhere to the behavior standards listed in Arizona Board of Regents Policy Manual Chapter V – Campus and Student Affairs Part C: Code of Conduct (http://www.abor.asu.edu/1_the_regents/policymanual/chap5/) and ACD 125: Computer, Internet, and Electronic Communications (<http://www.asu.edu/aad/manuals/acd/acd125.html>).
28. If a student is disruptive, an instructor may ask the student to stop the disruptive behavior and warn the student that such disruptive behavior can result in withdrawal from the course. An instructor may withdraw a student from a course when the student's behavior disrupts the educational process under USI 201-10 (<http://www.asu.edu/aad/manuals/usi/usi201-10.html>).

ACADEMIC STATUS REPORTS:

Academic Status Reports will be submitted for all students earning one point less than 70% on the corresponding dates of report timeframes. This does not mean that a student will fail this class, but can serve as a warning if risk of performance is poor. Students who receive an academic status report will have time to improve their performance and do well in this class if improvements are made.

ACADEMIC INTEGRITY:

The highest standards of academic integrity are expected of all students. The failure of any student to meet these standards may result in suspension or expulsion from the university. Violations of academic integrity include, but are not limited to, cheating, fabrication, tampering and plagiarism. Altering or fabricating documentation related to class absences or signing an attendance sheet for another student is also considered a violation of academic integrity.

Plagiarism is defined as the act of taking ideas and writings from another person and passing them off as his/her own work. To avoid it, quotation marks, page numbers, and author references are required for adequate acknowledgment of word-for-word copying of another's work. An author reference is sufficient acknowledgment for the rephrasing in your own words the work of another person. Other forms of plagiarism include reproducing someone else's paper in whole or in part and obtaining a paper from a paper-preparation service. Furthermore, submitting any paper for academic credit in more than one course without the instructor's permission is considered an act of academic dishonesty and a form of deception. -From ASU Women's Studies Program Policy Statement on Academic Honesty

An instructor, academic supervisor, or committee responsible for evaluation may impose any of the following sanctions for academic dishonesty:

1. Reduced or failing grade for assignment,
 2. Reduced or failing grade for course, or
 3. Reduced, failing grade, or no credit for other academic evaluation (e.g., clinical training, comprehensive exam, thesis, dissertation). Within 10 days after an instructor-imposed sanction is assigned, the student may appeal the sanction to the Dean or Director.
- Additionally, an instructor, academic supervisor, or committee responsible for academic evaluation may recommend other or additional sanctions to the Dean or Director, including assignment of the grade of XE and withdrawal of credit for a previously accepted course or requirement.

For more information visit <https://provost.asu.edu/academic-integrity>

EMERGENCY AND SAFETY PROCEDURES

Please note all exits to the classroom and emergency exits to the building on your first day of class. When a fire alarm sounds, take what you can easily carry (cell phone, backpack, purse, etc.) and exit the building. Stay with the instructor who will provide instructions on where to remain standing once outside of the building. To promote classroom safety, please notify the instructor of any suspicious behavior or statements regarding any ASU class or event at any time during the semester. Become familiar with all of the exit routes in the classroom and building and in the event of a classroom emergency, evaluate the situation for your safest and quickest escape from harm's way. Once out of danger call 911. The ASU Police non-emergency number is: 480.965.3456.

ACCOMMODATIONS FOR DISABILITIES

The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. One element of this legislation requires that all qualified students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation please contact the Disability Resource Center at ASU for further assistance. Eligibility and documentation policies online: <http://www.asu.edu/studentaffairs/ed/drc/>

GRADING DISPUTES: Students have 7 calendar days to submit written justification to challenge a grade; if a written justification is not submitted within this timeframe, challenges to grades will not be considered. **This includes notification of errors in scores recorded in our grade center.**
Incomplete Grades: A course grade of “Incomplete” will be given only in extreme situations because the sad story is that most students who request incompletes never finish the course.

Please visit <http://www.asu.edu/registrar/forms/regforms.html> under the Academic Record Forms section for the Incomplete Grade Request form, which is available in both Word and as a PDF.