

SPRING 2022 SYLLABUS

PSB 3002 – PHYSIOLOGICAL PSYCHOLOGY

Instructor: John Leri

Section number: 24120

Class meeting time and place: 8:30 AM – 9:20 AM on Monday, Wednesday, & Friday in PSY 0130

Office hours: Monday 9:30 – 10:30 AM & Wednesday 4:00 – 5:00 PM

Office location: PSY015 – in the basement of the psychology building

Email: johnleri@ufl.edu

Overview

This course is an overview of major topics in modern physiological psychology, the scientific study of behavior, and mental processes. As an overview course of the discipline of physiological psychology, it introduces some of the fundamental concepts, principles, and theories with a consideration for the complexity of human behavior.

Course Goals

1. To teach you the fundamental structures and functions of the nervous system
2. To provide you with an introduction to the different areas within the field of physiological psychology.
3. To teach you the concepts in the field and how to apply them.

Required Material

Author: Carlson, N.R. & Birkett, M.A.

Title: Physiology of Behavior, 13th edition

ISBN: UF ALL ACCESS

The course textbook may be accessed in any format (hardcopy, e-book, UF All Access).

For UF All Access: Login at the following website and Opt-In to gain access to your UF All Access course materials - <https://www.bsd.ufl.edu/AllAccess> – UF All Access will provide you with your required materials digitally at a reduced price and the charge will be posted to your student account. This option will be available starting 1 week prior to the start of the semester and ending 3 weeks after the first day of class.

Expectations

You are expected to attend class regularly and carry out the reading assignments listed in this syllabus. You are also expected to check your email regularly (at least once a day) and to visit E-learning on a regular basis. Students typically find that for each hour in class, at least two additional hours are required for preparation.

Attendance

Attendance will not be taken. However there are a set number of points attached to in-class assignments and in-class quizzes that require your attendance in class.

Class Demeanor

Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please avoid the use of cell phones and restrict eating to outside of the classroom. Opinions held by other students should be respected in discussion, and conversations that do not contribute to the discussion should be held at minimum, if at all.

Materials and Supplies Fees

There are no additional fees for this course.

Course Requirements

Unit Exams. There will be four in-class unit exams during the semester. Exams are designed to assess your understanding of course material to date and to prepare you for the cumulative final exam. Each exam contains **applied** multiple-choice questions and short answer questions that total to 50 points. The lowest exam grade can be replaced by a higher score on the final exam. You will have 50 minutes to complete each exam.

Final Exam. The final exam will be administered during finals week. The final exam will consist of applied multiple-choice questions and short answer questions that total to 50 points. You will have two-hours to complete the final exam. The final exam will be cumulative and may reflect material from all of the chapters covered during the course. The final exam is optional and can replace the lowest unit exam grade.

In-Class Quizzes. There will be 12 in-class quizzes administered randomly throughout the semester. Each in-class quiz will be worth 2 points and your lowest two scores will be dropped.

In-Class Assignments. There will be 12 in-class assignments administered randomly throughout the semester. Each in-class assignment will be worth 2 points and your lowest two scores will be dropped. In-class assignments will not be administered during class periods that include an exam or in-class quiz.

Out-of Class Assignments. Students must complete at least one, but may complete up to five out-of class assignments for course credit. The topics and details for each assignment will be posted on the course canvas site. The single mandatory out-of class assignment is worth 10 points. Completion of each additional out-of class assignment is worth 2 points.

Grading Scale

Assignment	Points	Percentage of Overall Grade	Grade	Scale	Grade	Scale
Unit Exam 1 (4@50 points each)	50	20.00%	A	93-100%	C	73-76%
Unit Exam 2	50	20.00%	A-	90-92%	C-	70-72%
Unit Exam 3	50	20.00%	B+	87-89%	D+	67-69%
Unit Exam 4	50	20.00%	B	83-86%	D	63-66%
Final Exam (replace lowest Unit Quiz)	--	--	B-	80-82%	D-	60-62%
In-class assignments	20	8.00%	C+	77-79%	E	<60%
In-class quizzes	20	8.00%				
Out-of class assignments	10 (8)	4.00%				
Total	250 (258)	100% (103.20%)				

Note: Final total percentage points with a decimal value equal to or greater than .5 will be rounded to the next number. For further information about current UF grading policies for assigning grade points, please see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Important Dates

Exam 1	1/31/22
Due: Mandatory Out-of Class Assignment	2/07/22
Exam 2	2/23/22
Exam 3	3/25/22
Due: Optional Out-of Class Assignment	4/04/22
Exam 4	4/20/22
Final Exam	4/26/22

The lectures and the readings from the textbooks listed below define the full syllabus of this course. Certain sections of the textbooks that are not examinable are identified in class.

Course Schedule

DATE	READING
01/05/22	Chapter 1: Introduction
01/07/22	Chapter 2: Structure and Functions of Cells of the Nervous System
01/10/22	Chapter 2: Structure and Functions of Cells of the Nervous System
01/12/22	Chapter 3: Structure of the Nervous System
01/14/22	Chapter 3: Structure of the Nervous System
01/17/22	NO CLASS/HOLIDAY
01/19/22	Chapter 4: Psychopharmacology & Neurotransmitters
01/21/22	Chapter 4: Psychopharmacology & Neurotransmitters
01/24/22	Chapter 5: Methods and Strategies of Research
01/26/22	Chapter 5: Methods and Strategies of Research
01/28/22	Review / Catch-Up
01/31/22	Exam 1
2/02/22	Chapter 6: Vision
2/04/22	Chapter 6: Vision
2/07/22	Chapter 7: Audition, the Body Senses, and the Chemical Senses Due: Mandatory Out-of Class Assignment (11:59 pm)
2/09/22	Chapter 7: Audition, the Body Senses, and the Chemical Senses
2/11/22	Chapter 8: Control of Movement
2/14/22	Chapter 8: Control of Movement
2/16/22	Chapter 9: Sleep and Biological Rhythms
2/18/22	Chapter 9: Sleep and Biological Rhythms
2/21/22	Review / Catch-Up
2/23/22	Exam 2
2/25/22	Chapter 10: Reproductive and Parental Behavior
2/28/22	Chapter 10: Reproductive and Parental Behavior

3/02/22	Chapter 11: Emotion	
3/4/22	Chapter 11: Emotion	
3/7/22		NO CLASS/HOLIDAY
3/09/22		NO CLASS/HOLIDAY
3/11/22		NO CLASS/HOLIDAY
3/14/22	Chapter 13: Learning and Memory	
3/16/22	Chapter 13: Learning and Memory	
3/18/22	Chapter 14: Human Communication	
3/21/22	Chapter 14: Human Communication	
3/23/22	Review / Catch-Up	
3/25/22		Exam 3
3/28/22	Chapter 15: The Developing Nervous System	
3/30/22	Chapter 16: Neurological Disorders	
4/01/22	Chapter 16: Neurological Disorders	
4/04/22	Chapter 17: Schizophrenia and the Affective Disorders	
	Due: Optional Out-of Class Assignment (11:59 pm)	
4/06/22	Chapter 17: Schizophrenia and the Affective Disorders	
4/08/22	Chapter 18: Stress and Anxiety Disorders	
4/11/22	Chapter 18: Stress and Anxiety Disorders	
4/13/22	Chapter 19: Substance Abuse	
4/15/22	Chapter 19: Substance Abuse	
4/18/22	Review / Catch-Up	
4/20/22		Exam 4
4/26/22	OPTIONAL FINAL EXAM (location TBD) 12:30-2:30 PM	

Note: Please read the chapter before the specific class meetings. Course schedule might change as the needs occur. It is your responsibility to keep up with the change by coming to class and stay updated. Also, it is not feasible to cover all of the materials in the textbook during the class meetings. Lectures will focus on major and important themes in the chapters.

Make-Up Quizzes/Exams

There will not be quiz/exam make-up opportunities unless there is an acceptable reason with evidence that is aligned with the UF absence policy (e.g., illness, serious family emergency, special curricular requirements, religious holidays, etc.). See the UF policy guidance on absences and make-up activities here:

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#absencetext>. Approved Make-up quiz/exam should be completed within one week of the original quiz/exam date. In the situation of multiple exams on the same date, see here for guidance: <https://catalog.ufl.edu/UGRD/academic-regulations/examination-policies-reading-days/>. There are no special exams, optional papers or catch-up projects to compensate for poor exam performance. All quiz/exams are closed book and closed notes and you will need a #2 pencil for the scantron sheet.

Policy for Disputing a Grade

You will have one week (including weekends and holidays) after any course material grade has been posted to dispute your grade. The exception will be the final exam because there won't be enough time to complete disputes and turn grades in. Disputes will NOT be accepted after that date. If you want to dispute a grade you will need to write a paragraph explaining the dispute. For exams/quizzes, write out the question on the quiz and a paragraph explaining why your answer is correct with references to the material in the text for each question or writing assignment you are disputing. Then send a private email with this information to the instructor's e-mail address.

Study Skills

This class covers a large amount of material and it is crucial to read and study regularly. The MOST IMPORTANT study habits are 1) read the material when it is assigned, 2) read and study the text before and after hearing the lectures on those topics, and 3) study and test yourself in-depth on the days before each exam.

It is very important to read the assigned text by the due date on the syllabus. This reading will provide you with some basic knowledge for each topic, to help you to understand the material more fully when you hear the lectures. A day or two after each lecture, read back over your notes to make sure that you understand everything you have written. Be certain, for example, that you can find a definition in your notes for each new term that was presented in class. Class attendance is not required. However, if you are having difficulty with the material, or if you are not performing as well as you want on exams, you should do the following: attend class EVERY TIME, pay close attention to the lecture, review the terms and alternative hypotheses sections in order to focus your reading, and use good note-taking skills.

Your text is well organized. Important terms are defined separately in the text. Read the chapter summary and try to answer the questions in the text. Use the text headers to help you identify main ideas, and take note of any definitions in the text. Compare these to the definitions received in class.

You can improve your knowledge and your test scores by reviewing all available learning materials and online resources provided for your text. If a term is not listed there, you do not need to know its meaning for the exam.

If a term is listed there, you should be prepared to answer any question about that concept from class or the book. In addition, I will periodically post a copy of lecture slides on the website after the lectures are completed.

Everyone has a different preferred way of studying. Some students find that outlining the text or rewriting class notes is a good way to study. Others find that flash cards are a good study aid -- they put an important term on one side of the card and put its definition on the other side, maybe with an example (make up your own example if you can). You may benefit from rewriting ideas in your own words, or it may help you to study aloud,

defining terms, and explaining theories to a "study buddy." Complete all of the "Complete Review Systems" available in your textbook before the exam.

It doesn't matter which method works best for you -- the important thing is to study and be involved in studying over a period of time. Don't try to cram it all in at the last minute. There will be no worksheets or homework assignments to ensure that you start reading the material early. You will have to take the initiative yourself to get started right away.

REMEMBER!!!!!!! The most important study habits are 1) read all assigned pages by the date they are assigned; 2) read and study the text before and after hearing the lectures on those topics, and 3) study and test yourself in-depth on the days before each exam, using the "terms and alternative hypotheses" sections, and all available review sections at the end of each chapter.

Honor Code

A passing grade will not be awarded to those who do not abide by the UF honor code. Any student who cheats or helps another student cheat will receive an E (Fail) in this class. When students enroll at the university, they commit themselves to the standard drafted and enacted by students.

Preamble: In adopting this honor code, the students of the University of Florida recognize that academic honesty and integrity are fundamental values of the university community. Students who enroll at the university commit to holding themselves and their peers to the high standard of honor required by the honor code. Any individual who becomes aware of a violation of the honor code is bound by honor to take corrective action. The quality of a University of Florida education is dependent upon community acceptance and enforcement of the honor code.

Honor Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied:

"On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It should be clear that academic dishonesty, such as cheating, is NOT tolerated at the University of Florida. Cheating is defined in the University Handbook, and it is the student's responsibility to be familiar with its many forms (including plagiarism). If there is a suspected academic honesty violation, the Student Honor Code Procedures will be followed.

In Class Recordings

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To "publish" means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons),

including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

Students with Special Needs

If you are a student with a disability and would like to request disability-related accommodations, you are encouraged to contact the Disability Resource Center as early in the semester as possible. The Disability Resource Center is located in 001 Building 0020 (Reid Hall). Their phone number is 392-8565. If you have a documented disability you must contact me immediately so accommodation can be made from that point on.

Sexual Harassment & Disclosures of Sexual Violence

Sexual Harassment is not tolerated in this class, in the Department of Psychology, or at the University of Florida. Sexual harassment includes: the inappropriate introduction of sexual activities or comments in a situation where sex would otherwise be irrelevant. Sexual harassment is a form of sex discrimination and a violation of state and federal laws as well as of the policies and regulations of the university. All UF employees and students must adhere to UF's sexual harassment policy which can be found here: <https://hr.ufl.edu/forms-policies/policies-managers/sexual-harassment/>. Please review this policy and contact a university official if you have any questions about the policy.

As mandatory reporters, university employees (e.g., administrators, managers, supervisors, faculty, teaching assistants, staff) are required to report knowledge of sexual harassment to UF's Title IX coordinator. Title IX violation includes sexual harassment, sexual assault, stalking, domestic/intimate partner violence, etc. For assistance or to inform Title IX any incident(s) that may constitute a Title IX violation, please complete the Title IX Information Form here: <https://titleix.ufl.edu/title-ix-reporting-form/>, or email inform@titleix.ufl.edu, or call 352-273-1094.

UF Policies on Software Use

All faculty, staff, and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Online Evaluation Process

"Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluer.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>."

Campus Resources

Health and Wellness

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS): Student Health Care Center, 392-1161.

University Police Department: 392-1111 (or 9-1-1 for emergencies).
<http://www.police.ufl.edu/>

Academic Resources

E-learning technical support: 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. <https://lss.at.ufl.edu/help.shtml>.

Career Resource Center: Reitz Union, 392-1601. Career assistance and counseling.
<http://www.crc.ufl.edu/>

Library Support: <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center: Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.
<http://teachingcenter.ufl.edu/>

Writing Studio: 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. <http://writing.ufl.edu/writing-studio/>

Student Complaints Campus:

https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

On-Line Students Complaints: <http://www.distance.ufl.edu/student-complaint-process>