Syllabus

Course Information:
PSYC 4318-001 Physiological Psychology
Spring  2018
T/Th  2:00-3:20
Ratliff South 02024

Instructor Information:
Professor:    Paula Lundberg-Love, Ph. D.
Office:      BEP 253
Office hours:  M:    3:00-5:00 PM
                 T/TH  1:00-1:50 PM
                 W:    2:00-5:00 PM
Telephone:  903-566-7265 (Office)
             903-561-0913 (Home) (preferred phone number #2)
             903-520-0738 (Cell) (preferred phone number #1)
Email address:  Plove@uttyler.edu
              paulallo@aol.com (preferred email address)

NOTE: A student at UT-Tyler is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Course Catalog Description: Examines research techniques in the physiological psychology and the neurobiological basis of learning, memory and abnormal behavior. Recommended: Introductory biology or equivalent.

Student Learning Outcomes & Assessments: As a result of this course the successful students will be able to:
1. Describe the structure and functions of cells of the nervous system, including communication within neurons and between neurons.
2. Describe the structure of the nervous system including the basic features of the central nervous system including the basic features of the central and peripheral nervous system.
3. Describe the basic principles of psychopharmacology.
4. Describe the physiological processes involved in vision.
5. Discuss the physiological processes involved in sleep and understand sleep disorders.
6. Describe the physiological and anatomical basis of learning and memory.
7. Understand the neural circuitry underlying addiction.
8. Describe the neurological basis of schizophrenia and affective disorders.

Evaluation and Grading: There will be four multiple choice exams including the final exam which will contain 50 multiple choice questions. Each exam will be weighted equally in determining your grade. The exams will be based primarily on the text chapter readings. However, materials from class handouts, Power Point presentations and lecture may also be included on exams. The final exam is not cumulative. There will also be
quizzes on some chapters as the instructor deems appropriate on the last day that we cover a particular chapter. Those quizzes will consist of 10 multiple choice questions. The quiz will be administered at the outset of class. You must be present to take the quizzes. There are NO makeup quizzes.

Your graduate assistant is Rebecca Olson, who will lead study groups to help you understand materials, prepare you for exams, create additional Power Points and study materials, if needed, and lecture on certain occasions. She will also grade your exams. Rebecca has been a TA for this class on six occasions and is excellent. You need to attend her study groups. There will be no make-up exams unless you have a physician’s statement verifying that you were unable to attend class on the day of the exam or if you have evidence of some other legitimate emergency. If you are ill or have some legitimate emergency, you must contact the Professor prior to the administration of the exam. Any other extenuating circumstances resulting in a missed examination will be subject to the instructor’s discretion.

The scores on the exams will be graded in the following manner:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-100</td>
<td>A</td>
</tr>
<tr>
<td>75-84</td>
<td>B</td>
</tr>
<tr>
<td>65-74</td>
<td>C</td>
</tr>
<tr>
<td>55-64</td>
<td>D</td>
</tr>
<tr>
<td>Below 55</td>
<td>F</td>
</tr>
</tbody>
</table>

The scores on the four exams and your quizzes will be summated and your percentage of points obtained based upon all possible exam points and quiz points will be calculated (Score on Exam 1 + Score on Exam 2 + Score on Exam 3 + Score on Exam 4 + Scores on each quiz). Typically if you obtain 85-100% of the total possible points for the semester, you will earn an A, 75-84% B, 65-74% C, 55-64% D and less than 55% F. This is a rather liberal grading procedure that takes into account the fact that Physiological Psychology is more difficult than some other Psychology courses. Also there will be 10 points of extra credit available to you on each exam. Those will be the ONLY extra credit options available to you during the semester.

Teaching Strategies/Course Policies:

1. You are required to attend class for the duration of the class. Attendance will be recorded each time. Rebecca will have attendance sheets that each student must sign. It is your responsibility to make sure that you sign that attendance sheet. If you fail to do that, you will be counted as absent. Each student is permitted two absences. In my experience attendance is critical for understanding of the material and the ability to pass this class. Additionally, Professors are required to report students who are not attending class.

2. The primary teaching technique utilized in this class will be lecture with Power Point presentations. The Power Point presentations will be posted on your Canvas site. You are required to read all assigned material prior to attending class and be prepared for class discussion. That means that I can randomly ask students questions during the lecture because I use an interactive lecture style that encourages student participation. Physiological Psychology is a science class and as such requires a thorough understanding of the material. When possible, I will also utilize videos to augment my lectures. Students are encouraged to ask questions and participate in the lecture in order to enhance your understanding of the material. Lectures will be captured on Tegrity so that you can review them after class as often as you deem necessary. You are encouraged to view those Tegrity recordings.

3. The Power Point slides are excellent as they are designed by the author of your text and some have been created by Rebecca. They will significantly enhance your understanding of the material, so review them thoroughly BEFORE and AFTER class. In order to master this material it is recommended that students read each chapter at least three times, before lecture, after lecture and in preparation for your exams.
Learning occurs as a result of repetition and rehearsal. So reading a chapter only one time is not a realistic expectation for mastery of the material. As you will learn in chapter 13 of your text, “Neurons that fire together wire together.”

4. Exams should be taken on the day that they are scheduled. If you have a legitimate emergency or documentable illness, you must contact/notify the Professor PRIOR to the administration of the exam. Failure to do so will result in an automatic F. That means that you will call or email me prior to the time that I hand out that exam. This also means that you do not call the day after, or the week after the exam to tell me that you missed it, and that you want to do a makeup exam.

5. Honesty is an important personal quality. If there are data to suggest that a student has cheated and/or plagiarized or sought information from other students regarding exams, it will result in an automatic F in the course. If a student has knowledge of another student cheating, it is incumbent upon that student that s/he report it to Dr. Love. Reporting such behavior after the semester is over, does not give us the opportunity to deal with this behavior. Additionally, one needs to understand that such dishonesty can result in dismissal from the University.

6. While I do not want to be the cell phone/social media police, it is critical that when you are in class you refrain from texting, and engaging in social media activity. It is disruptive for other class members and not conducive to learning.

Required Text:

**Topical Outline:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 16</td>
<td>Introductions</td>
</tr>
<tr>
<td>Jan. 18</td>
<td>Structure and Functions of the Cells of the Nervous System</td>
</tr>
<tr>
<td>Jan. 23</td>
<td>same topic</td>
</tr>
<tr>
<td>Jan. 25</td>
<td>same topic</td>
</tr>
<tr>
<td>Jan. 30</td>
<td>Structure of the Nervous system</td>
</tr>
<tr>
<td>Feb. 1</td>
<td>same topic</td>
</tr>
<tr>
<td>Feb. 6</td>
<td>EXAM I</td>
</tr>
<tr>
<td>Feb. 8</td>
<td>Psychopharmacology</td>
</tr>
<tr>
<td>Feb. 13</td>
<td>same topic</td>
</tr>
<tr>
<td>Feb. 15</td>
<td>same topic</td>
</tr>
<tr>
<td>Feb. 20</td>
<td>Vision</td>
</tr>
<tr>
<td>Feb. 22</td>
<td>same topic</td>
</tr>
<tr>
<td>Feb. 27</td>
<td>same topic</td>
</tr>
</tbody>
</table>
Mar.  1  EXAM II
Mar.  6  Sleep and Biological Rhythms  Chapter 9
Mar.  8  same topic
Mar. 13-15 SPRING BREAK
Mar. 20  Learning and Memory  Chapter 13
Mar. 22  same topic
Mar. 27  same topic
Mar. 29  EXAM III
Apr.  3  Schizophrenia and the Affective Disorders  Chapter 16
Apr.  5  same topic
Apr. 10  same topic
Apr. 12  Anxiety Disorders, Autistic Disorder
        Attention-Deficit/Hyperactivity Disorder
        and Stress Disorders  Chapter 17
Apr. 17  same topic
Apr. 19  same topic
Apr. 24  Drug Addiction  Chapter 18
Apr. 26  same topic
May  1  EXAM IV

University Policies

Students Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: http://www.utttyler.edu/wellness/rightsresponsibilities.php

Campus Carry
We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at http://www.utttyler.edu/about/campus-carry/index.php

UT Tyler a Tobacco-Free University
All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty,
staff, University affiliates, contractors, and visitors.

Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kretekks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products.

There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

Grade Replacement/Forgiveness and Census Date Policies

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Fall, the Census Date is Sept. 12.) Grade Replacement Contracts are available in the Enrollment Services Center or at http://www.uttyler.edu/registrar. Each semester’s Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date (Sept. 12th) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through

Financial Aid State-Mandated Course Drop Policy

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

Disability/Accessibility Services

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit https://hood.accessiblelearning.com/UTTyler and fill out the New Student application. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at http://www.uttyler.edu/disabilityservices, the SAR office located in the University Center, # 3150 or call 903.566.7079.

Student Absence for University-Sponsored Events and Activities

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement
It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Emergency Exits and Evacuation
Everyone is required to exit the building when a fire alarm goes off. Follow your instructor’s directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

Student Standards of Academic Conduct
Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

i. “Cheating” includes, but is not limited to:
- copying from another student’s test paper;
- using, during a test, materials not authorized by the person giving the test;
- failure to comply with instructions given by the person administering the test;
- possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed “crib notes”. The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
- using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
- collaborating with or seeking aid from another student during a test or other assignment without authority;
- discussing the contents of an examination with another student who will take the examination;
- divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
- substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
- paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
- falsifying research data, laboratory reports, and/or other academic work offered for credit;
- taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
- misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.

ii. “Plagiarism” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another’s work and the submission of it as one’s own academic work offered for credit.

iii. “Collusion” includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

iv. All written work that is submitted will be subject to review by plagiarism software. UT Tyler Resources for Students
- UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu
- UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu
- The Mathematics Learning Center, RBN 4021, is this the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center (903.566.7254)