

## Physiological Psychology 4210 (313)

<b>Instructor:</b> Matt Will	<b>Class:</b> T/Th 12:30pm-1:45pm / Lefevre 106
<b>Office:</b> 340e Life Sciences Center	
<b>Office hrs:</b> (by appt)	willm@missouri.edu (preferred method of contact)

**Required:** Biological Psychology, J.W. Kalat, 11<sup>th</sup> Edition and Webtutor for BB

----- **Class schedule, required reading, assignments** -----

Date	Lecture/Discussion Topic	Reading	PLA Due
Aug 20	Introduction and Organization of the course		
Aug 22	Neurophilosophy, Evolution, Ethics	1-26	<b>D.T.</b>
Aug 27	Nerve Cells - Nerve Impulses	27-36	<b>Quiz #1</b>
Aug 29	Nerve Impulses	37-49	<b>D.T.</b>
Sept 3	Synapses	50-66	<b>Quiz #2</b>
Sept 5	Synapses – Addiction Drugs/ Food	68-83	<b>D.T.</b>
Sept 10	<b>Exam 1</b>		
Sept 12	Neuroanatomy	84-97	<b>D.T.</b>
Sept 17	Computer Lab – <i>meet @ Strickland 124A</i>		<b>Quiz #3</b>
Sept 19	Cerebral Cortex	98-108	
Sept 24	Brain Imaging Center tour / Group Meeting*		
Sept 26	Brain Imaging Center tour / Group Meeting*		
Oct 1	Research Methods (group project topics due)		<b>Quiz #4</b>
Oct 3	<b>Exam 2</b>		
Oct 8	Computer Lab - <i>meet @ Strickland 124A</i>	264-295	<b>Quiz #5</b>
Oct 10	Stages of Sleep		<b>D.T.</b>
Oct 15	Function of Sleep (group project roles due)		<b>D.T.</b>
Oct 17	Temperature Regulation	296-325	<b>Quiz #6</b>
Oct 22	Thirst/Hunger/Feeding		<b>D.T.</b>
Oct 24	<b>Exam 3</b>		
Oct 29	Movie: “Stress: Portrait of a Killer”	354-365	
Oct 31	Emotion		<b>Quiz #7</b>
Nov 5	Attack and Escape Behavior - Amygdala	366-387	<b>D.T.</b>
Nov 7	Mood Disorders	458-471	<b>D.T.</b>
Nov 12	Schizophrenia	472-485	<b>Quiz #8</b>
Nov 14	Schizophrenia contd.		<b>D.T.</b>
Nov 19	<b>Exam 4</b>		
Nov 21	Presentations – Group 1		
Nov 26	<i>No class – holiday break</i>		
Nov 28	<i>No class – holiday break</i>		
Dec 3	Presentations – Group 2		
Dec 5	Presentations – Group 3		
	<i>No Final</i>		

## ON BLACKBOARD

### **Pre-Lecture Assignments (PLAs):**

Open book online quizzes: There are 8 short multiple-choice quizzes during the course that will be made available to you on Blackboard a week before they are due. These are intended to encourage reading the material before we discuss it in class, in turn helping you learn the material with greater efficiency. Each quiz is worth 25 points, and is due at the beginning of class the day noted in the syllabus. The quizzes are worth 200 points or approximately 29% of the course grade. **Use your text and take your time.**

“Deep thought” of the day: I will be posting 10 “deep thought” (D.T.) questions on Blackboard that will require a short 100 word minimum response posted before selected class periods (see schedule). These will be due before class on the day noted and will be worth 5 points each, therefore 50 points total or 7% of your grade. I will select a few responses (you will remain anonymous) to present and discuss at the beginning of class.

Question Thread: In this thread, please post any questions that you have about the readings or lecture discussions. I will check this thread before each class and go over any questions at the beginning of the class.

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**Exams:** There are four exams in this class, each worth 100 points for a total of 400 points or approximately 57% of your course grade. There will be no Final cumulative Exam. Exams will consist of all multiple-choice questions, consisting of a combination of traditional (a), (b), (c), (d) choices. There are no make up exams, if you miss an exam without prior approval, you will receive zero credit (exception only for emergencies that are officially documented). Please notify me of school athletic conflicts prior to the exam.

**\*Group Project:** This will be a small group project (~5 students/group) in which you will research a topic of your choice (related to class material) to be presented in the format of your choice (i.e. video, powerpoint, etc.) at the end of the semester. Topic selection is due to me by Oct. 1st (simply have one group member email me your group topic). This will be worth 50 points, or 7% of your grade. See “Physiological Psychology Group Project” document in the “Syllabus etc.” folder on blackboard for more information.

**Neuroscience in the News (NIN):** Bring a news article and short written summary (minimum 250 words) of a research finding covered in the press (online or print) on relevant topic of the material being covered in class (must have been published in previous 12 months). Paraphrase the main points of the article for the class (from your seat; with option to stand up) to earn **10 extra credit points**.

**Class etiquette:** During class, feel free to interrupt me at anytime to ask a question related to or inspired by the material being covered. Please refrain from interrupting for any other reasons, such as talking to each other, or to yourself. Please silence phones before you arrive in class. Please do not use laptops, as they can be distracting to your fellow students. If you feel you must use a laptop, please sit in the back row.

**Academic Honesty:** Cheating or plagiarizing will result in zero credit at the minimum, as this could also lead to probation or even expulsion.

**Grading scale and points record:** This is provided to help you stay well informed of your progress during the semester. Divide your total points earned by the total points available at any point during the semester to determine your grade standing. This will also help you determine what you will need to earn on the remaining assignments and exams to achieve the grade you desire. Percentages will be rounded to the nearest whole number.

A+	98-100%
A	93-97%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D+	67-69%
D	63-66%
D-	60-62%
F	0-59%

PLA #1	<u>        </u> / 25 = <u>        </u> /25=
PLA #2	<u>        </u> / 25 = <u>        </u> /50=
Exam 1	<u>        </u> / 100 = <u>        </u> /150=
PLA #3	<u>        </u> / 25 = <u>        </u> /175=
PLA #4	<u>        </u> / 25 = <u>        </u> /200=
Exam 2	<u>        </u> / 100 = <u>        </u> /300=
PLA #5	<u>        </u> / 25 = <u>        </u> /325=
PLA #6	<u>        </u> / 25 = <u>        </u> /350=
Exam 3	<u>        </u> / 100 = <u>        </u> /450=
PLA #7	<u>        </u> / 25 = <u>        </u> /475=
PLA #8	<u>        </u> / 25 = <u>        </u> /500=
Exam 4	<u>        </u> / 100 = <u>        </u> /600=
Deep Thoughts	<u>        </u> / 50 = <u>        </u> /650=
Group Project	<u>        </u> / 50 = <u>        </u> /700=
<b>Total</b>	<u>                        </u> /700=

*If you need accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please inform me immediately. Please see me privately after class, or at my office. To request academic accommodations (for example, a note taker), students must also register with Disability Services, AO38 Brady Commons, 882-4696. It is the campus office responsible for reviewing documentation provided by students requesting academic accommodations, and for accommodations planning in cooperation with students and instructors, as needed and consistent with course requirements. For other MU resources for students with disabilities, click on **ADisability Resources@** on the MU homepage.*