



The mission of Concord University is to provide quality, liberal arts based education, to foster scholarly and creative activities and to serve the regional community (<http://www.concord.edu/academics/>).

**Course Prefix, Number and Title: PSY 370L, Physiological Psychology Lab**

**Course CRN # and Section: 20398, Section 01**

**Semester Taught (including year): Spring 2019**

**Professor: Adriana M. Falco, Ph.D.**

**Credit Hours: 0**

**Office Location: Administration A115**

**Prerequisites: RECOMMENDED BIOL 101 or 102**

**Office Hours: MWF 11-12 pm**

**TR 2-3 pm**

**Course Time (if applicable): T 9:30-10:45 am**

**Email: [amfalco@concord.edu](mailto:amfalco@concord.edu)**

**Building and Room Number: Administration 302 & Administration 108**

**Phone: 304-384-5232**

**Office Fax: 304-384-6091**

**College/Department Website:**

**<http://www.concord.edu/social-sciences/>**

**Course Description/Rationale:** This is the lab section that accompanies Physiological Psychology, PSY 370, a course which introduces the student to the field of biopsychology. The goal of the lab is to provide the student with hands on experience in some techniques used in labs in fields that make up biopsychology, particularly behavioral neuroscience. Students will learn principles behind experimental design, use equipment basic to the field, and observe complex behaviors in nonhuman animals.

**Course Management System:** Blackboard

**Hardware/Software Needed:** N/A

**Text requirements:** Garrett. Brain and Behavior, 5<sup>th</sup> ed. ISBN: 9781506349206

You will also need a lab notebook with non-removable pages and will need to use a lab coat when in the lab area. There are some coats available to use when you are in the lab. However, if you would like to purchase your own lab coat and leave it in the lab for the duration of the semester, you are welcome to. Dr. Falco can direct you to places to purchase your own lab coat.

## **Concord University Educational Goal(s): #1 Skills and #2 Knowledge**

**National Standards:** N/A

**Specific Learning Outcomes: #2** Ability to employ appropriate observational, logical, analytical, computational, creative, and critical thinking skills across academic disciplines and apply to problem solving (Skills).

**#4** Ability to analyze, synthesize, and integrate elements information and ideas (Skills).

**#2** Awareness of the fundamental characteristics and properties of the physical universe (Knowledge).

### **Course Requirements:**

The laboratory section of Physiological Psychology (PSY 370L) counts for 260 points of your overall PSY 370 grade. The following assignments will make up your PSY 370L grade.

Attendance: Attendance will count for 70 points of your PSY 370L grade. Due to the material we will be covering in lab classes, missing a single class will be a detriment to your ability to complete your lab reports for the following week. If you opt to miss a lab class, you will still be held responsible for any assignments that come from that week's lab. You will be docked attendance points for any missed labs unless you furnish a documented excuse (medical, university approved, etc.)

Weekly Lab Assignments: Worth 140 points of your PSY 370L grade. Roughly each week, you will complete a lab assignment based on the work you completed in the lab that week. Some assignments will be relatively short while some will be longer and more in depth. The nature of the weekly lab assignment will depend largely on the tasks being completed in lab at the time. **ALL ASSIGNMENTS MUST BE TURNED IN ON TIME FOR FULL POINTS AND TYPED AND VIA PAPER COPY FOR GRADING.**

Lab Report: Worth 50 points of your PSY 370L grade. This lab report will outline the major aspects of the experimental design, procedure, and findings of the lab work done for the semester. More details will be given on Blackboard as the semester progresses

### **Grading Policy and Scale, Make-up Policy, Late Work:**

Your grade in PSY 370L will be factored into your overall PSY 370 grade. Your PSY 370L work counts for 260 points of your PSY 370 grade.

Attendance (70 points) + Weekly Lab Assignments (140 points) + Final Lab Report (50 points) = 260 points

Make-up Policy: Since this is a lab, there are no make-up sessions. Missing a lab will have a detrimental effect on your attendance part of the grade, unless your absence is excused. An absence will only be excused with appropriate paperwork (medical excuse, university approved absence, etc.) presented either prior to the absence or at the next lab meeting. You will still be held responsible for any weekly lab assignments that are generated from your absence, so be sure to get the missed material from your labmates.

Late Work: Weekly lab assignments are to be turned in at the lab meeting at which they are due TYPED AND VIA PAPER COPY. Any weekly lab assignment that is not turned in on time will be accepted until Tuesday of the following week, but will automatically be assessed a 50% penalty.

The final lab report will be accepted late for 10% off for each day it is late, including weekends, until it is deemed inadmissible by the instructor.

**Course Timeline (Schedule of Assignments/Assessments/Presentations)**

<u>Class</u>	<u>Topic (Room)</u>	<u>Due</u>
1/15 or 17	Syllabus and Intro (302)	N/A
1/22 or 24	Lab 1: Intro to Analytical Balance (108)	N/A
1/29 or 31	Lab 2: Physiological Saline (108)	Lab 1
2/5 or 7	Lab 3: Handling Lab Rodents (108)	Lab 2/CITI Training
2/12 or 14	Lab 4: Injections Lecture and Demo And Handling Your Rats (108)	N/A
2/19 or 21	Lab 5: Experimental Design (302)	N/A
2/26 or 28	Lab 6: Open Field Testing Part I (108)	Lab 5
3/5 or 7	Lab 7: Operational Definitions of Open Field Scoring (302)	Lab 6
3/12 or 14	Spring Break: No Lab	
3/19 or 21	Lab 8: Open Field Scoring I (302)	Lab 7
3/26 or 28	Lab 9: Open Field Scoring II (302)	N/A
4/2 or 4	Lab 10: EPM Testing (108)	Lab 8/9
4/9 or 11	Lab 11: EPM Scoring (302)	Lab 10
4/16 or 18	Lab 12: No Lab—Attend Undergraduate Research Day on 4/18	
4/23 or 25	Lab 13: Writing a Lab Report (302)	Lab 11/Research Day Assign
4/30 or 5/2	No Lab: Lab Report Due	

### **Accessibility/Accommodations:**

Concord University is committed to responding to the needs of students with disabilities as defined by the Americans with Disabilities Act. Please inform your instructor at the beginning of the class semester if you have a disability and are requesting accommodations. It is your responsibility to self-disclose that you are requesting accommodations. The University and instructor will provide you with a reasonable accommodation. You should register with CU's Disability Services Office, located in the Athens campus Jerry and Jean Beasley Student Center, Bottom Floor, across from the Campus Post Office. The Disability Services Office phone is 304-384-6086 or you can email the Director, Nancy Ellison, at nellison@concord.edu for assistance.

### **Academic Dishonesty**

Academic dishonesty is morally unacceptable as well as destructive to the learning and teaching atmosphere. Academic dishonesty includes the giving or receiving of improper help on examinations or assignments, falsifying documents, and plagiarism (the act of stealing and using, as one's own, the ideas or the expression of the ideas of another). Such dishonesty can lead to a variety of penalties — including but not limited to failure of assignment, failure of course, loss of institutional privileges, or dismissal from the University. (See University Catalog Academic Policies and Procedures.)

### **Concord University Honor Code**

A Concord University Honor Code was approved by students, staff, faculty, administration, and the CU Board of Governors. The Code states:

*"As a member of the Concord University Community I will act with honesty and integrity in accordance with our fundamental principles and I will respect myself and others while challenging them to do the same."*

The Honor Code is intended to unite the Concord community behind a culture of honesty, integrity, and civility.

### **Class/Online Attendance Policy**

Regular class attendance is part of a student's academic obligation at Concord. Irregular attendance may affect academic performance adversely and is detrimental to the atmosphere of a class. (See University Catalog Academic Policies and Procedures.)

### **Emergency Alert System**

In an effort to increase safety and security on our campus, Concord University encourages everyone to register for instant text message alerts. Alerts will only be used for security and safety notices. All students, faculty, and staff are eligible to receive text message alerts on their cell phones or email alerts. Please contact the IT Help Desk for further assistance (304-384-5291).

### **Emergency Information**

Emergency/courtesy telephones are located at the main entrance of each residence hall and at various other locations on campus. Emergency telephones can be identified by the flashing blue light and will provide the user with a direct link to Public Safety at the press of a button. To report an on-campus emergency, call 304-384-5357 or 911. The Office of Public Safety is located on the bottom floor of the

Rahall Technology Center. For further emergency information go to:  
<http://www.concord.edu/administration/office-public-safety>.

### **Inclement Weather Policy**

As a general policy, the University will remain in normal operations during adverse weather conditions. In the event of severe weather conditions, the following may occur:

#### University Closure

No students or employees are to report.

#### Classes Cancelled

Students do NOT report BUT employees are expected to report to work at their normal time.

#### Operating on an Inclement Weather Delay

Under this schedule, all 8 a.m. classes will start at 10 a.m. Students and faculty will follow the Inclement Weather Schedule. (See <http://www.concord.edu/emergency-alerts> for Athens/Beckley Inclement Weather Schedules.)

*\*Announcements invoking the late schedule or other options referenced above are aired on area radio and television stations and are sent as text and email messages to those enrolled for this service.*

### **Student Conduct**

In classrooms, online, laboratories, and during any activities that are part of course requirements, students are expected to observe reasonable rules of conduct.

### **Sexual Harassment & Assault**

Federal law, Title IX, and Concord University policy prohibits discrimination, harassment, and violence based on sex and gender (Including sexual harassment, sexual assault, domestic/dating violence, stalking, sexual exploitation, and retaliation). If you or someone you know has been harassed or assaulted, you can receive confidential counseling support through the Concord University Counseling Center (304-384-5290). Alleged Violations can be reported non-confidentially to the Concord University Title IX Coordinator at 304-384-6327 or [titleix@concord.edu](mailto:titleix@concord.edu). Reports to Campus Security can be made at (304-384-5357). As an employee at Concord University, I am a mandatory reporter which means I must report any sexual misconduct I am made aware of. This includes verbal or written (such as in an assignment) disclosures of sexual harassment or sexual assault.

### **Technology Services**

Contact the CU Help Desk at extension 5291 from campus or 304-384-5291 off campus. You may also e-mail [cuhelpdesk@concord.edu](mailto:cuhelpdesk@concord.edu).

**Use of Technology in Classroom:** Laptops may be used in class in order to take notes ONLY. However, if this policy is deviated from, or if they become a distraction, the use of laptops will be revoked. Cellphones should never be used in class. Repeated or continued use of cell phones in class may result in you being asked to leave the classroom. The use of any laptop or cellphone during an exam will result in an automatic zero. Contact Dr. Falco with concerns about technology use.

### **Syllabus Disclaimer**

**"This syllabus is subject to change based on the needs of the class. Please check it regularly."**

### **Laboratory Policies:**

There are numerous policies that must be adhered to at any given time for both the safety of you, other students, and the rodents we work with. Violation of any of these policies may result in you being asked to leave the laboratory. Repeated violation may cause you to be removed from the laboratory portion of the course. If you have questions about any policies, do not hesitate to contact Dr. Falco for clarification.

1. No food or drink permitted in any portion of the lab at any time. EVER!
2. The legs must be covered at all times. No skirts or shorts are permitted for safety reasons.
3. Closed-toed, rubber soled shoes must be worn in all portions of the lab at all times.
4. Apparatus and chemicals should not be handled without prior instruction by Dr. Falco.
5. CITI training must be adequately completed before handling nonhuman animals.
6. Rodents should be handled with respect and treated in a humane manner at all times. Violation will cause you to be removed from the laboratory immediately and will result in your failure of the laboratory portion of the class.
7. If you have any concerns about working with nonhuman animals in a laboratory setting, contact Dr. Falco