

# California Lutheran University

## Bachelor's Degree for Professionals

**Psychology 331: Physiological Psychology**  
**Fall Term 2015: August 31, 2015-November 16, 2015**  
**Oxnard, Room 116**  
**Thursdays 6-9:30**

**Instructor/Contact Info:** Patricia Wright, M.S. [pwright@callutheran.edu](mailto:pwright@callutheran.edu)  
Office hours: Prior to class by appointment  
Telephone meetings by appointment (805.493.3543)

### **Drop Dates**

Monday, September 14<sup>th</sup> last day to add; last day to drop without financial penalty (100% tuition charge for classes dropped after this date). Monday, October 12<sup>th</sup>; last day to withdraw without academic penalty; last day to remove incompletes from summer term.

### **Course Description**

Studies the physiological aspects of human behavior, with special emphasis on neurological structure and function as related to sensation, perception, and psychopathology.

### **Textbook**

Carlson, N. R. (2012). *Physiology of Behavior* (11<sup>th</sup> ed.) New Jersey: Pearson. (ISBN 978-0205239399)

### **Course Outcomes**

*Psychology Department Student Learning Outcomes*

- Field Specific Knowledge
- Empirical, Methodological and Critical Thinking
- Application of Psychology

*California Lutheran University's Student Learning Outcomes*

- Field Specific Knowledge and Experience
- Ethical and Professional Judgment

### **Class Format**

The expectation for this course is that you will spend the equivalent of 4 hours per week in class (an hour is defined as 50 minutes), 13-14 hours via online instruction (discussion board and case studies), and you will spend approximately 9 hours per week outside of class studying and completing assignments for this course.

### **Course Assignments/Requirements/Course Schedule**

### 1. **Presentation of Research to Class** (20% of Grade).

At the first week of class, students will be provided with a list of topics related to neurophysiology (**effects on brain structure, function, and behavior**). Topics include: Traumatic Brain Injury (TBI), Chronic Traumatic Encephalopathy (CTE), malnutrition, alcohol use/abuse, cannabis use/abuse, depression, dementia (e.g. Alzheimer's disease and/or other neurocognitive disorders such as dementia due to HIV infection), Parkinson's disease, Huntington's disease, autism, exposure to domestic violence, child abuse and neglect, effects of exercise on the brain, socioeconomic status (SES) on brain development and effects of bullying on brain development. Each single/pair/group of student(s) is to select one topic from the list to research (minimum= three peer reviewed articles through CLU database), inform, critique and present to class. Presentation will be 20-25 minutes with 5 additional minutes for questions from class (30 minutes total). Students are required to use PowerPoint (APA format) for presentation to class. Grading rubric will be provided. Further details will be discussed in class.

2. **Weekly Discussion Group Questions/Quizzes** (10% of grade): Students will form small discussion groups and will meet in groups every class session, except midterm and final exam dates. Students are to prepare in advance **three** multiple-choice discussion questions with four optional answers (typed, hard copy with name and date) based on the prior weeks assigned readings. These three questions are to be turned in immediately after the discussion. Discussion should take approximately 20-30 minutes. Weekly quizzes will begin the second week of class and will be based on prior weeks assigned readings. Quizzes will not be given on night of midterm or final exam.

### 3. **Online discussions/Case Studies** (20% of Grade).

Each week there will be a discussion topic/question and/or case study that you are required to post an original response to. These should be no less than 12 complete and thoughtful sentences. You are required to post one additional relevant and thoughtful reply to another student or instructor's post. These should be at least 8 complete and thoughtful sentences that either raises an important point or question regarding the topic at hand. Do not simply agree or disagree. Add something relevant to the discussion. It is highly recommended that you gather information from peer reviewed articles (retrieved through CLU database) when providing a response to question or case study. Citing information from peer reviewed articles increases knowledge base and strengthens the information you are providing. The discussion board is an important tool for facilitating class discussion and learning in an online environment. Both discussion posts are due by midnight, Wednesday, of that week.

### 4. **Midterm Exam** (20% of Grade).

The midterm exam is made up of multiple choice and short essay questions. The midterm exam is in-class.

### 5. **Final Exam** (20% of Grade).

The final exam is made up of multiple choice and short essay questions. The final exam is in-class and is **not cumulative**.

### 6. **Participation and attendance** (10% of Grade).

*Participation* = Being attentive during lectures and participating in class discussion.

*Attendance* = Attending all class meetings (points will be deducted per missed class after two class meetings have been missed), arriving on time and staying until the end of class. Please do not enter class meetings late! Weekly discussions and quizzes will start at the beginning of each class meeting. Arriving late is disruptive to other students and learning.

*\*Missing two class meetings may significantly affect your ability to pass exams/quizzes due to the difficulty of subject matter. It is highly recommended that you attend all class meetings.*

*\*If more than two class meetings are missed, attendance/participation points will be deducted and make-up work will be required.*

<b>Weekly Schedule:</b> Please attend all classes and do all readings by the day of class.
<b>Week 1 (September 3):</b> Introduction; Sign up for student presentation; Chapter 2: <i>Structure and Functions of Cells of the Nervous System</i>
<b>Week 2 (September 10):</b> Discussion Groups/Quiz; Chapter 3: <i>Structure of the Nervous System</i> ; Chapter 6: <i>Vision</i> (pgs. 165-168, 187-189, 192-197, 204-205 Section Review)
<b>Week 3 (September 17):</b> Discussion Groups/Quiz; Chapter 7: <i>Audition, the Body Senses, and the Chemical Senses</i> (pgs. 208-213, 216-217, 226-227 Section Summary, 227-230); Chapter 4: <i>Psychopharmacology</i>
<b>Week 4 (September 24):</b> Student Presentations; Discussion Groups/Quiz; Chapter 9: <i>Sleep and Biological Rhythms/Disorders of Sleep</i>
<b>Week 5 (October 1):</b> Student Presentations; Discussion Groups/Quiz, Chapter 11: <i>Emotion</i> ; Review for Midterm Exam
<b>Week 6 (October 8):</b> Midterm Exam; Chapter 12: <i>Ingestive Behavior/Eating Disorders</i>
<b>Week 7 (October 15):</b> Student Presentations; Discussion Groups/Quiz; Chapter 13: <i>Learning and Memory</i>
<b>Week 8 (October 22):</b> Student Presentations; Discussion Groups/Quiz; Chapter 15: <i>Neurological Disorders</i>
<b>Week 9 (October 29):</b> Student Presentations; Discussion Groups/Quiz; Chapter 16: <i>Schizophrenia and the Affective Disorders</i>
<b>Week 10 (November 5):</b> Discussion Groups/Quiz; Chapter 17: <i>Anxiety Disorders, Autistic Disorder, Attention-Deficit/Hyperactivity Disorder, and Stress Disorders</i> ; Chapter 18: <i>Drug Abuse</i> (optional, you are not required to read chapter 18); Review for Final Exam
<b>Week 11 (November 12):</b> Final Exam...Celebrate, do something nice for yourself, you have finished another course!

### **Student Workload/Carnegie Hours**

The expectation is that this 4-credit course will meet for 50 hours of instructional time and will have about 100 hours of out-of-class work (homework).

- As our 4-credit courses meet for about 36-37 hours in-person, the remaining 13-14 hours of instructional time need to be handled via online instructions (flipped classes, discussion board, etc.).
- There should be approximately 9 hours of homework per week (of course this may vary depending on the week).

### **Grading**

Presentation	20%
Weekly discussion questions	10%
Online discussions	20%
Midterm Exam	20%
Final Exam	20%
Participation/Attendance	10%

Grading will be on a straight scale (not curved) based on the following percentages:

92-100	A
90-91	A-
86-89	B+
81-85	B
79-80	B-
77-78	C+
71-76	C
69-70	C-
65-68	D
<65	F

### **Late and Missed Work Policy**

Late work is not accepted. This includes in class work and online discussion questions/case studies. If you know you will be missing the midterm or final exam, inform the instructor as early as possible. There is a time limit as to when you can take your midterm exam. The final exam must be taken **PRIOR** to the last meeting of class. If you do not make up your exam at the agreed upon time, there is no guarantee that you will be able to make up the exam. If you cannot present on the night you have chosen, please inform the instructor as early as possible. Loss of points towards final presentation grade may be applied if you have to change your presentation date within 24 hours of presentation.

### **Attendance**

Attendance is mandatory! Unauthorized absences will result in a lower grade for the course at the instructor's discretion.

### **Course Evaluations Statement**

All course evaluations are conducted online. Your feedback is important to us. You will receive an email message reminding you when the website is open for your feedback. The link is:

<http://courseval.callutheran.edu>

### **Disability Statement**

California Lutheran University is committed to providing reasonable accommodations in compliance with ADA of 1990 and Section 504 of the Rehabilitation Act of 1973 to students with documented disabilities. If you are a student requesting accommodations for this course, please contact your professor at the beginning of the semester and register with the Disability Support Services Coordinator, Wendy Jimenez, for the facilitation and verification of need. The Disability Support Services Coordinator is located in the Center for Student Success Office at 3259 Pioneer Street, and can be contacted by calling 805.493.3878 or emailing [wjimene@callutheran.edu](mailto:wjimene@callutheran.edu)

### **Statement on Academic Honesty**

The educational programs of California Lutheran University are designed and dedicated to achieve academic excellence, honesty and integrity at every level of student life. Part of Cal Lutheran's dedication to academic excellence is our commitment to academic honesty. Students, faculty, staff and administration share the responsibility for maintaining high levels of scholarship on campus. Any behavior or act which might be defined as "deceitful" or "dishonest" will meet with appropriate disciplinary sanctions, including dismissal from the University, suspension, grade F in a course or various forms of academic probation. Policies and procedures regarding academic honesty are contained in the faculty and student handbooks.

Plagiarism, cheating, unethical computer use and facilitation of academic dishonesty are examples of behavior which will result in disciplinary sanctions. Plagiarism includes, but is not limited to:

- word for word copying without using quotation marks or presenting the work as yours
- using the ideas or work of others without acknowledgement
- not citing quoted material. Students must cite sources for any information that is not either the result of original research or common knowledge.

Standards of Student Conduct Statements:

- [Student Life Handbook](#)
- [Academic Honesty Statement](#)

### **University Harassment Policy**

Be civil to each other, both on- and offline. For information on the University's **student harassment policy and rights**, please go to the following link:  
[Student Life Handbook](#)

### **Pearson Library**

Pearson Library provides access to scholarly books, journals, ebooks, and databases of full text articles from scholarly journals. To begin using these materials, visit the library web page

<http://www.callutheran.edu/library>

There are many ways to contact Pearson Library for research assistance, no matter where you are!

- Email Madelynn Dickerson (Professionals liaison) at [dickerso@callutheran.edu](mailto:dickerso@callutheran.edu)
- General Library email: [CLUlibrary@callutheran.edu](mailto:CLUlibrary@callutheran.edu)
- Library main phone: 805.493.3250
- Text us your question: 805.493.3867
- Get more help at: <http://www.callutheran.edu/library/help/>

### **CLU Writing Center**

The Writing Center provides 1:1 writing consultations, in-person and online, with trained undergraduate and graduate writing consultants. We welcome all writing-related projects at any stage of the writing process across the diverse disciplines of study at Cal Lutheran. The Writing Center also hosts writing workshops, provides in-class visits, facilitates writing groups, and offers a writer's studio option for longer, sustained projects. Services suit writers of all levels, including traditional undergraduates, graduate students from all fields, all English language learners, and accomplished scholars alike. All members of the Cal Lutheran community with an @callutheran.edu email address are welcome to make use of our services. For more information, please visit at [www.callutheran.edu/writing\\_center](http://www.callutheran.edu/writing_center) or call 805.493.3257. Please schedule appointments online through MyCLU Blackboard with the yellow "The Writing Center" icon in "Tools," or stop by The Writing Center itself, located in the Darling Collaboration Suite of Pearson Library.

### **Sexual Misconduct**

California Lutheran University does not tolerate any degree of sexual misconduct on or off-campus. We encourage you to report if you know of, or have been the victim of, sexual harassment, misconduct, and/or assault. If you report this to a faculty member, she or he must notify Cal Lutheran's Title IX Coordinator about the basic facts of the incident. More information about your options for reporting can be found at: <http://www.callutheran.edu/title-ix/>

### **Veterans Resources**

If you are a veteran, military member, or a family member of a veteran or military member, please refer to Cal Lutheran's Veterans Resources webpage for important information: <http://www.callutheran.edu/veterans/>. Also, if you are a veteran receiving benefits and you are struggling in a class, you most likely qualify for free tutoring. Please contact the Veterans Coordinator, Jenn Zimmerman, [veterans@callutheran.edu](mailto:veterans@callutheran.edu) or 805.493.3648, for more information.

### **Help Desk**

Students may contact the Help Desk about telephone, network, wireless network, software questions password problems, hardware problems, and general consultation (i.e. you cannot log

into your MyCLU portal, or you are having problems with Blackboard). Please email specific details about your problems to [helpdesk@callutheran.edu](mailto:helpdesk@callutheran.edu), click on the following link for more information [http://www.callutheran.edu/iss/technology\\_services/helpdesk.php](http://www.callutheran.edu/iss/technology_services/helpdesk.php) or call: 805.493.3698

**Final Note**

This syllabus is subject to change. Every effort will be made to alert students to changes that occur in a timely manner.

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