

Basic Course Information

Semester	Summer, 2014	Instructor Name	Krista L. Byrd
Course Title & #	Biological Psychology – PSY 200	Email	krista.byrd@imperial.edu
CRN #	30089	Webpage (optional)	
Room	208	Office	807B
Class Dates	06/16/2014 – 07/23/14	Office Hours	By Appointment
Class Days	Monday-Thursday	Office Phone #	(760) 355-6335
Class Times	10:00-12:10 p.m.	Office contact if student will be out or emergency	(760) 355-6144
Units	3.00		

Course Description

An exploration of the biological basis of human behavior. The development, structure and functions of the nervous system are thoroughly examined to provide insight into its complex relationship with human behavior, thought, and feelings. The history of neuroscience and methods of scientific inquiry are reviewed. (CSU, UC)

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Describe the action potential and how communication takes place between neurons. (ILO1, ILO2, ILO3)
2. Critique current research in biopsychology (ILO1; ILO2; ILO3; ILO4; ILO5)
3. Demonstrate an understanding of psychological theory regarding the relationship between physiology; cognition and emotion. (ILO1, ILO2, ILO3)
4. Identify the biological causes of neurological and mental disorders. (ILO1, ILO2, ILO3, ILO4)

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. outline major events in the history of neuroscience and describe related advances in experimental methodology.
2. list and describe the functions of the structures and organelles of the neuron and discuss synaptic transmission.
3. identify the functional organization of the human nervous system and the structures which make up the functional subsystems.
4. summarize the development of the vertebrate nervous system throughout the lifespan and identify problems that may result from delayed or impaired development.
5. identify and describe sensory structures and processes and discuss how the nervous system initiates and controls movement.
6. explain the physical regulation of homeostasis and discuss the effect of homeostatic drives on human behavior.
7. discuss circadian and other cyclical rhythms of the brain and resultant effects on human behavior.

8. describe the biological controls of emotions and explain the significance of emotions in human behavior and cognitive processes.
9. list and describe the major diseases of the nervous system and explain modern views on the bio/psycho/social nature of mental disorders.
10. relate current research findings on the biologic elements of human learning and memory.

Textbooks & Other Resources or Links

Kalat, James W. (2013). *Biological Psychology*, (11th ed.), Wadsworth/Cengage.

Course Requirements and Instructional Methods

This course will consist of a combination of lectures, class discussion, assigned readings, videos, group and individual projects and performance on quizzes and exams.

Thought Papers. There will be three (3) thought papers due at various times during the semester. These are essays of 1-2 pages, which will be based on the readings and class material. **Late papers will not be accepted. I DO NOT accept thought papers by e-mail.** Thought papers should address the following: **1)** A provocative or interesting idea regarding biological psychology from the text, class discussion, an article from the internet or magazine, and/or a television program, from your point of view. Don't provide a review of the reading/program, but your own thoughts regarding the topic. The main focus of thought papers is for you to **learn** to think critically about biological psych. The intention of the assignment is to get some ideas down and then begin exploring your ideas. You do not have to write what you think I would agree with or what is necessarily true, you just need to justify your ideas and statements with explanations.

Quizzes. Six (6) quizzes will be given during the semester. I will take the five (5) quizzes with the highest scores to determine your points. Since I will be throwing out the one lowest score for quizzes, **no make-up quizzes will be given.** Each quiz will be worth 15 points.

Assignments/Group Work. There will be approximately five (5) assignments given throughout the semester. More information will be given about these assignments at a later date. Each assignment will be worth 10 points.

Exams. Four (4) exams will be given. Exams will consist of multiple choice, fill in the blank, short answer and essay questions from the textbook, lectures and videos. No make-up exams will be given unless you have called me **PRIOR** to the exam and let me know you will not be able to take the exam. If you contact me prior to the exam, you will have one week to make-up the exam. Each exam will be worth 100 points. **Please bring a #2 pencil and a scantron to each examination.**

Course Grading Based on Course Objectives

90-100% = A	Exams	4@ 100 pts.	400 pts.
80-89% = B	Thought Papers	3@ 25 pts.	75 pts.
70-79% = C	Quizzes	5@ 15 pts.	75 pts.
60-69% = D	Assignments	5@ 10 pts.	50 pts.
0-59% = F	Participation		25 pts.
		TOTAL:	625 pts.

Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped. **Please check your I.V.C. e-mail and/or Blackboard before class in case the instructor will not be attending class that day.**
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Classroom Etiquette

- Electronic Devices: Cell phones must be turned off and put away during class unless otherwise directed by the instructor. Laptops or tablets will be allowed for note taking purposes only. **The instructor reserves the right to limit the use of technology in the classroom in the event the technology becomes disruptive to the class learning environment.**
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question. Anyone caught cheating will receive a zero (0) on the exam or assignment and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following:
 - plagiarism
 - copying or attempting to copy from others during an examination or on an assignment;
 - communicating test information with another person during an examination;
 - allowing others to do an assignment or portion of an assignment
 - use of a commercial term paper service

Additional Help

- Blackboard support center: <http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543>
- Learning Labs: There are several ‘labs’ on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program
- Library Services: There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6312 if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see <http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog available online at http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762

Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

Anticipated Class Schedule / Calendar

<u>Date</u>	<u>Lecture Topic</u>	<u>Reading Assignment</u>
06/16/14	Introduction to Class/Major Issues	Chapter 1
06/17/14	The Major Issues	Chapter 1
06/18/14-06/19/14	Nerve Cells & Impulses	Chapter 2
06/23/14-06/24/14	Synapses – Thought Paper #1 Due	Chapter 3
06/25/14	EXAM #1	
06/26/14	Anatomy of the Nervous System	Chapter 4
06/30/14-07/01/14	Development & Plasticity of the Brain	Chapter 5
07/02/14-07/03/14	Vision & Other Sensory Systems	Chapters 6&7
07/07/14	EXAM #2	
07/08/14-07/09/14	Wakefulness & Sleep Thought Paper #2 Due	Chapter 9
07/10/14	Internal Regulation	Chapter 10
07/14/14-07/15/14	Reproductive Behaviors	Chapter 11
07/16/14	EXAM #3 Due	
07/17/14	Emotional Behaviors	Chapter 12
07/21/14-07/22/14	Psychological Disorders Thought Paper #3 Due	Chapter 15
07/23/14	FINAL	

This instructor reserves the right to make announced modifications to this course outline.