



Basic Course Information

Semester:	Winter 2022	Instructor Name:	Robert Wyatt
Course Title & #:	PSY 200 – Biological Psych	Email:	Robert.wyatt@imperial.edu
CRN #:	15045	Webpage (optional):	http://www.imperial.edu
Classroom:	403	Office #:	807-C
Class Dates:	01/03/22 – 02/03/22	Office Hours:	M – TH 9:00am – 10:00am
Class Days:	Monday - Friday	Office Phone #:	760-355-6491
Class Times:	10:00am – 12:10pm	Emergency Contact:	Elvia Camillo at 760-355-6411
Units:	3.0	Class Format:	In-Person

Course Description

An exploration of the biological basis of human behavior. The development, structure and functions of the nervous system is 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. (C-ID PSY 150) (CSU, UC)

Course Prerequisite(s) and/or Corequisite(s)

Prerequisite: PSY 101 with a grade of "C" or better.

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.



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 including the ethical methodology and safeguards used in animal and human studies.(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 and endocrine based causes of neurological and mental disorders. (ILO1, ILO2, ILO3, ILO4)

Textbooks & Other Resources or Links

Kalat, J. W. (2019). Biological Psychology (13th/e). Wadsworth/Cengage Learning; Belmont, CA ISBN: 9781337408202

It is possible to use an earlier edition as far back as the 10th edition as long as it is the same author. You might have to look a little harder for some information in earlier editions, but it is all there.

Course Requirements and Instructional Methods

This class meets in-person from 10:00am to 12:10pm, Monday - Friday.

In addition to attending class, we will also be using CANVAS as well.

Modules Section: You will find all the information. I have broken it up by chapters. In the section, you will see power-point slides, videos, and my summary of the chapters. In addition, you will find key terms for that respected chapter as well.

Tests: You will be given a test at the end of every week. Thus, every test will cover 3 chapters. It is your duty to ensure that you don't miss any of the tests. No makeups will be given unless by emergency reasons only.

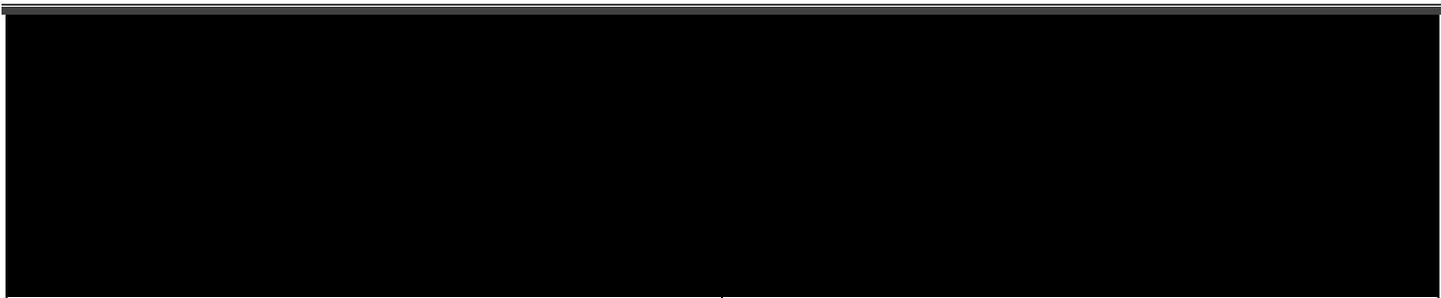
Class Discussions: You will have 5 class discussions to complete. They are worth 10 points each. 5 points for your response and 5 points to reply to someone's answer. These discussions don't need to be elaborate. A paragraph will be sufficient.

Individual Paper: You will have a class paper to complete. The length of the paper will be no less than 2 pages long. You will select a topic that is covered in the textbook. You will explain why you wrote about the topic and give your opinion on it. You can include outside sources as well.

Group Assignment: We will discuss this further in class. You will have a group assignment in which you will be questioned about your knowledge of what you have learned.

Course Grading Based on Course Objectives

ASSIGNMENT	TOTAL POINTS
Tests	500
Class Discussions	25
Individual Paper	25
TOTAL	550 Points



GRADE	POINTS
A	550 - 494
B	493 - 440
C	439 - 385
D	384 - 330
F	329 - 0

Other Information

Question: What if I need to borrow technology or access to WIFI?

1. To request a loaner laptop, MYFI device, or other electronic device, please submit your request here: <https://imperial.edu/students/student-equity-and-achievement>
2. If you'd like access the WIFI at the IVC campus, you can park in parking lots "I & J".
3. Students must log into the IVC student WIFI by using their IVC email and password.
4. The parking lots will be open Monday through Friday from 8:00 a.m. to 7:00 p.m.

Guidelines for using parking WIFI:

- I. Park in every other space (empty space BETWEEN vehicles)
- II. Must have facemask available
- III. For best reception park near buildings
- IV. Only park at marked student spaces
- V. Only owners of a valid disabled placard may use disabled parking spaces
- VI. Only members of the same household in each vehicle
- VII. Occupants MUST remain in vehicles
- VIII. Restrooms and other on-campus services *not* available
- IX. College campus safety will monitor the parking lot
- X. Student code of conduct and all other parking guidelines are in effect
- XI. Please do not leave any trash behind
- XII. No parking permit required

If you have any questions about using parking WIFI, please call Student Affairs at 760- 355-6455.

Other Course Information

What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.

Students are to comply with the following rules of netiquette:

1. Identify yourself
2. Include a subject line
3. Avoid sarcasm
4. Respect others' opinions and privacy
5. Acknowledge and return messages promptly
6. Copy with caution
7. Do not spam or junk mail
8. Be concise
9. Use appropriate language
10. Use appropriate emoticons (emotional icons) to help convey meaning
11. Use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!)].

How do I show academic honesty and integrity in an online "classroom"?

· **KEEP YOUR PASSWORDS CONFIDENTIAL.**

- You have a unique password to access online software like Canvas.
- Never allow someone else to log-in to your account.

· **COMPLETE YOUR OWN COURSEWORK.**

- When you register for an online class and log-in to Canvas, you do so with the understanding that you will produce your own work, take your own exams, and will do so without the assistance of others (unless directed by the instructor).

Examples of Academic Dishonesty that can occur in an online environment:

- Copying from others on a quiz, test, examination, or assignment
- Allowing someone else to copy your answers on a quiz, test, exam, or assignment
- Having someone else take an exam or quiz for you
- Conferring with others during a test or quiz (if the instructor didn't explicitly say it was a group project, then he/she expects you to do the work without conferring with others)

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

DATE	CHAPTER	ASSIGNMENT	DUE DATE
Jan. 03	Introduction/Syllabus/Intro to Chapter 1		
Jan. 04	Chapter 1: Nerve Cells & Impulses		
Jan. 05	Chapter 2: Synapses		
Jan. 06	Chapter 3: Anatomy & Research Methods		
Jan. 07	Test 1: Chapters 1 - 3 (In Class)	Class Discussion 1	January 9



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Jan. 10	Chapter 4: Genetics, Evolution, ...		
Jan. 11	Chapter 4: Genetics, Evolution, ...		
Jan. 12	Chapter 5: Vision		
Jan. 13	Chapter 6: Other Sensory Systems		
Jan. 14	Test 2: Chapters 4 - 6 (In Class)	Class Discussion 2	January 16
Jan. 17	Chapter 7: Movement		
Jan. 18	Chapter 7: Movement		
Jan. 19	Chapter 8: Wakefulness & Sleep		
Jan. 20	Chapter 9: Internal Regulation		
Jan. 21	Test 3: Chapters 7 - 9 (In Class)	Class Discussion 3	January 23
Jan. 24	Chapter 10: Reproductive Behaviors		
Jan. 25	Chapter 10: Reproductive Behaviors		
Jan. 26	Chapter 11: Emotional Behaviors		
Jan. 27	Chapter 12: Learning, Memory, Intelligence		
Jan. 28	Test 4: Chapters 10 - 12 (In Class)	Class Discussion 4	January 30
Jan. 31	Chapter 13: Cognitive Functions		
Feb. 01	Chapter 13: Cognitive Functions		
Feb. 02	Chapter 14: Psychological Disorders		
Feb. 03	Test 4: Chapters 13 - 14 (In Class)	Class Discussion 5	February 3

*****Subject to change without prior notice*****