

PSYCHOLOGY 2
Biopsychology
COURSE SYLLABUS

Instructor: Patricia D. Johnson, Psy.D.
 Licensed Marriage & Family Therapist

Office Hours: M: 2:40 p.m. to 3:40 p.m.
 T: 12:10 p.m. to 3:40 p.m.
 W: 2:40 p.m. to 3:40 p.m.

Telephone: (818) 833-3413

Webpage: www.lamission.edu/psychology/johnson

Class Days & Hours: *Tuesday, 3:40p.m. to 6:50 p.m. – 3 Units – Section #3407*

Class Location: *INST-1002*

COURSE DESCRIPTION: This biological psychology course discusses the nervous system as it applies to abnormal behavior.

COURSE OBJECTIVES: Students will be able to define the role of biological, anatomy and physiological factors of the human nervous system as they apply to psychological problems.

<u>WEEK</u>	<u>DATE</u>	<u>ASSIGNED CHAPTER(S) and/or CLASS EXERCISES:</u>	
		(All dates are approximations)	
1	09/06/05	Introduction	
2	09/13/05	Read Chapter: 1 – Biopsychology as a Neuroscience	
3	09/20/05	Read Chapter: 2 – Evolution, Genetics, and Experience	
4	09/27/05	Read Chapter: 3 – The Anatomy of the Nervous System	
5	10/04/05	Read Chapter: 10 – Brain Damage and Neuroplasticity (<i>Test #1 will cover Chaps 1, 2, & 3 and will be held on 10/04/05</i>)	<u>TEST #1</u>
5	10/11/05	FIELD TRIP (Subject to Availability)	
6	10/18/05	Read Chapter: 9 – Development of the Nervous System	
7	10/25/05	Read Chapter: 14 – Sleep, Dreaming and Circadian Rhythms	
8	11/01/05	Read Chapter: 11 – Learning, Memory and Amnesia (<i>Test #2 will cover Chaps 10, 9 & 14 and will be held on 11/01/05</i>)	<u>TEST #2</u>
9	11/08/05	Read Chapter: 17 – Biopsychology of Emotion, Stress and Health	
10	11/15/05	Read Chapter: 15 – Drug Addiction and the Brain's Reward Circuits	
11	11/22/05	Read Chapter: 15 – Drug Addiction and the Brain's Reward Circuits (<i>Test #3 will cover Chaps 11, 17 & 15 and will be held on 11/22/05</i>)	<u>TEST #3</u>
12	11/29/05	Read Chapter: 16 – Lateralization, Language, and the Split Brain	
13	12/06/05	Movie & In Class Exercise	
14	12/13/05	Read Chapter: 18 – Biopsychology of Psychiatric Disorders	

WEEK DATE ASSIGNED CHAPTER(S) and/or CLASS EXERCISES

15 12/20/05 ****FINAL EXAMINATION****
(Final Examination will cover Chaps 16 & 18)

TEXT BOOK: John P. J. Pinel (2003).
Biopsychology, Fifth Edition.
Allyn and Bacon Publisher

ASSIGNED READINGS and CLASS EXERCISES:

Each student is responsible for all assigned readings whether discussed in class or not. Test questions may be taken from assigned readings, which may not have been discussed in class. Also, various handouts will be distributed throughout the semester in conjunction with various topics and will be discussed in class. These materials may also be included in final examination questions. It is each student’s responsibility to be prepared to discuss various assigned readings and class material. Each student will be required to participate in various class exercises. Audio/video recording of class lectures ***is not*** permitted.

SUGGESTED READINGS: *Diagnostic and Statistical Manual of Mental Disorders*, Fourth Edition.
American Psychiatric Association. (1994).

American Psychological Association Publication Manual, Fifth Edition.
2001.

Mastering APA Style. Student Version. Fifth Edition.
This is a self-guided workbook for learning APA style writing.

RESEARCH PROJECT:

Student groups will gather six (6) articles covering brain and behavior, brain biology, etc. and provide a synopsis of the chosen topics as the research project. Paper must be typed, double-spaced (according to APA style writing) with a minimum length of six (6) pages. Research paper is due on 12/06/05.

FIELD TRIP:

Subject to time and availability.

TESTS:

The testing series will consist of three (3) open-book examinations and a one (1) final examination. Each open-book test will consist of fifty (50) multiple choice questions worth two (2) points each for a total of one-hundred (100) points per test. The final examination will consist of fifty (50) multiple choice questions worth six (6) points each for a total of three-hundred (300) points. If a scheduled test is missed, the test ***cannot*** be made-up.

ATTENDANCE:

Attendance to all scheduled sessions is mandatory. Any absences must be discussed with instructor, ***prior*** to the absence, in order to make up the work. Repeated absences may lead to a drop of one (1) full letter grade and/or automatic exclusion. ALL MAKE UP ASSIGNMENTS, IF APPLICABLE, MUST BE APPROVED BY THE INSTRUCTOR. Attendance is worth one-hundred (100) points.

FINAL GRADE:

Your final grade will be calculated based on the following:

Final Examination	30%	300 total points
Research Project	30%	300 total points
Tests	30%	300 total points
Attendance	10%	100 total points