

PSYCHOLOGY 2750 – Section A2
BRAIN AND BEHAVIOUR
Grande Prairie Regional College
Fall 1998

OCT 22 1998

Instructor: Cheryl Bereziuk
Office Number: C205
Phone Number: 539 2739
Office Hours: Monday, Wednesday and Friday – 10 am to 11 p.m.
or by appointment

Class Time: Tuesday and Thursday 11 am to 12:20 p.m.
Room Number: B304

Texts:

1. Biopsychology (3rd Edition) by John P. Pinel
2. Study Guide for Pinel's Biopsychology (3rd Edition)
by Michael J. Mana and John P. Pinel

Course Content: This course will begin with a review of neuroanatomy, neurochemistry, methods of investigation and theoretical issues in Biological Psychology. The course will then review the role of the Central Nervous System in: sensation, movement, sleep, language, sexual behavior, learning, memory and mental illness in both humans and animals.

Course Objectives: This course is an extensive review of the area of Biopsychology. Students will gain an appreciation and understanding of the role the central nervous system plays in the control of physiological systems and psychological processes. Students will also develop critical and analytical thinking skills.

Requirements: Evaluations will be based on two exams and a paper as follows:

Exam #1	25%	October 1	Chapters 1, 2, 3, 4
Exam #2	25%	October 29	Chapters 5, 6, 7, 8, 9
Exam #3	25%	To be announced	Chapters 11, 12, 14, 15, 16, 17
Paper	25%	November 12	

Please note that the exam dates listed on this handout are tentative and are subject to change. All exams will be held in room B304 unless you are otherwise notified. As well, for the final examination students must be available between December 8 and December 17. The date and time of the final exam will be announced by the Registrar's office. This information is also subject to change so students should continue checking the posted schedules as they are updated.

Exams will consist of multiple choice as well as written questions such as short answer questions and essays. Several choices will be available for the essays and they will be fairly short (i.e., one to two pages in length). If an exam is missed because of a serious reason, such as illness, proof must be provided to the instructor (i.e., a note from your physician) before a makeup exam can be arranged. If you realize you cannot attend a scheduled exam please notify the instructor as soon as possible either in person or leave a message on the instructor's office answering machine. If you are unable to write the final exam at the scheduled time you should notify the instructor and submit an application to the Registrar's office for permission to write a deferred exam. For other missed exams, all makeup exams will be written in the Registrar's office and will need to be scheduled by you with Marcia Bialobzyski in the Registrar's office.

Please bear in mind that exam marks are FINAL. This means you cannot rewrite an exam because of a poor grade and there are NO written assignments you can do to make up for a poor exam grade.

Cheating on an exam is taken very seriously and is punishable in a variety of ways. For more information on the penalties that can be imposed please see page 24 of the college calendar.

The paper must cover an issue within the scope of Biological Psychology. Please meet with the instructor regarding your topic BEFORE you begin writing it or if you are having trouble finding a suitable topic. The paper should be approximately 10 pages in length (double-spaced), must be typed, stapled (not in duotang cover) and written in APA format. Papers will be viewed more favorably if they include at least a couple of recent journal articles. I will review APA format in class for those not familiar with it. Papers submitted after the due date will receive 5% of its grade removed for each day it is late. Plagiarism will be treated with the same severity as cheating on an exam.

Because lectures will not always cover the assigned reading your attendance is expected at all lectures. The instructor does NOT lend out lecture notes. Students are responsible for assigned textbook chapters and other assigned readings as well as material covered in lectures.

NOTE: Any changes to the course outline will be made in consultation with the students during class time. Should you not be present in class when such a consultation is made it is your responsibility to acquire the changed information

Grade Schedule:

9	90 – 100	
8	80 – 89	excellent
7	72 – 79	
6	65 – 71	good
5	57 – 64	
4	50 – 56	pass
3	45 – 49	fail
2	26 – 44	
1	0 – 25	

Course Schedule:

SEPTEMBER 3 – SEPTEMBER 29

Biopsychology as a Neuroscience
Evolution, Genetics and Experience
Anatomy of the Nervous System
Neural conduction and synaptic transmission

Chapters: 1, 2, 3, 4

OCTOBER 6 – OCTOBER 27

Research methods
Human brain damage and animal models
Visual system
Perception
Sensorimotor system

Chapters: 5, 6, 7, 8, 9

NOVEMBER 3 – DECEMBER 3

Hormones and sex
Sleep, dreaming and circadian rhythms
Memory and amnesia
Neuroplasticity
Lateralization, language and the split brain
Biopsychology of mental illness

Chapters 11, 12, 14, 15, 16, 17