

Grande Prairie Regional College  
Department of Arts and Education

**PY 2750 (Brain and Behaviour)**  
Lecture 3 (3-0-0) UT to UA, UC, UL, AU, AF, KUC  
Fall 2009

Instructor: Cheryl Bereziuk  
Office: C205  
Phone: 539 2739  
Email: Cbereziuk@gprc.ab.ca  
Office Hours: Tuesdays and Thursdays 10 - 11 am, Wednesdays 1 - 2 pm or by appointment

Required Textbook: Discovering Biological Psychology (Second Edition). L. Freberg

Prerequisites: Biology 30 or equivalent and PY 1040

Course Description: This course is an introduction to the neural basis of sensation, movement, learning, memory, motivation and cognition as studies in both humans and animals.

Content Description: Evaluations will be based on the following:

Exam #1	25%	October 5	Chapters 1, 2, 3, 4, 5
Case Study Review	20%	October 21	
Case Study Presentation	5%		
Exam #2	25%	November 4	Chapters 6, 7, 8, 9, 10
Final Exam	25%	TBA	Chapters 11, 12, 13, 14, 15, 16

Please note that the dates listed on this outline are tentative and are subject to change. For the final examination students must be available between December 9 - 18. The Student Services Office will announce the date and time of the final exam later in the term. This information is also subject to change so students should confirm the posted exams schedules as they are updated.

Exams will consist of multiple-choice, short and long answer questions. Exams are not comprehensive. Normally requests to write a missed or deferred exam will not be granted except under the most extreme of circumstances, such as illness. The instructor will not normally ask for a medical note but may ask for such should an inordinate number of classes be missed, before a makeup exam will be arranged. I do expect a phone call or email in advance should you be missing any classes unless of course you are in the midst of a major crisis, in which case let me know as soon as reasonably possible. Because of the H1N1 pandemic I encourage you not to come to college if you are ill, maintain health practices like hand-washing often, and be sure to find a study partner (or two) in the class to get missed information from. Otherwise, students should ensure they will be available to write the

scheduled exams. Please also 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 or any other form of academic misconduct such as plagiarism is taken very seriously and is punishable in a variety of ways. For more information on student rights and responsibilities, codes of conduct and the penalties that can be imposed for infractions please see pages 48 - 51 of the current college calendar. You are especially encouraged to familiarize yourself with the section on plagiarism on page 49 and ask your instructor if you are at all uncertain about this serious and often misunderstood form of academic misconduct.

The case study review is an opportunity for you to explore a neurological disorder in more detail and become familiar with the effects of disorders on people's lives. Advances in neurobiology often begin with the study of rare, unique, and abnormal conditions. First you will select a specific case from a list I will provide to you. In Part 1 of the assignment you will look up the case in the literature and in the paper describe in your own words the salient aspects of the case. Who was the person? What happened to them? How did their condition influence their life and the lives around them? In part 2 you will address the following questions: What causes this condition? What is the neurobiological basis of the condition? What are the typical symptoms? What does the case tell us about normal brain function? Is there any treatment found for the condition in the academic literature. Obviously, to answer some of these questions you will need to go into the literature to see if there are other similar cases documented. The paper must be stapled, typed, on plain, white paper, 12 point font, one inch margins and must use 6<sup>th</sup> edition APA format for referencing. Spelling, grammar and sentence structure will also be considered during grading. The paper is due at the beginning of class on the date assigned. Papers handed in after this time will receive a late penalty of 5% a day, including weekend days. Since the APA format is in a new edition we will be having an in-class review session with the coordinator of the student learning center in the library. We will also discuss if we need to have a library session to help you negotiate the data bases to review the literature.

Once papers have been submitted we will be having class presentations, or rounds, so that you can share your case study with the rest of the class. These presentations will just be a brief summary of the case and your findings. I am anticipating that presentations will be 5 to 10 minutes in length and we will have one or two per class until everyone has had a chance to present.

Please be advised that a lack of planning on your part will not constitute an emergency on the instructor's part. For example, leaving all work on the paper to the last minute and then having a crisis will not necessarily get you an extension. Be aware that you may be asked to provide evidence of prior work before being granted an extension however extensions are rarely granted in lieu of the above late penalty.

Because lectures will not always cover the assigned readings your attendance is expected at all lectures. I reserve the right to bar you from writing the final exam if you have

accumulated more than 10% of unexcused absences. Learning is an active process that will take effort on your part and so you will be expected to read the chapters in advance of class lectures, participate in activities, assignments and discussions in the classroom and communicate with the instructor when you encounter difficulties with course material. Your questions and comments are welcomed and encouraged at any time during the class. The instructor does NOT lend out lecture notes. Students are responsible for learning all of the assigned chapters even if the material has not been covered in class as well as any other topic, video, or subject covered during class time. If you have a disability, please self-identify to the instructor if you require any specialized supports.

It is expected that all students will display a professional attitude and behaviour in the classroom. This includes reliability, respect for and cooperation with your fellow students and the instructor, attention to fellow student questions and instructor's response, determination to achieve first-class work while meeting deadlines, and a mature response to constructive critique of your work. Turn off your cell phones as I reserve the right to answer any phone that rings and ask you to leave for the remainder of the class. Students unable to meet these expectations will be required to leave the class in the interest of preserving the learning opportunities of other students.

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.

#### Course Schedule:

##### September 9 - October 5

Readings:	Chapter 1, 2, 3, 4, 5
Assignments:	Exam #1 on October 5
Important dates:	Last day to add a class September 10 Last day to drop a class September 17 October 12 is a holiday

##### October 7 - November 4

Readings:	Chapter 6, 7, 8, 9, 10
Assignments:	Case Study Paper due October 21 Exam #2 on November 4
Important dates:	Last day to withdraw from a class November 6 November 11 is a holiday

November 9 - December 7

Readings:

Chapter 11, 12, 13, 14, 15, 16

Grade Schedule:

A+	4.0	90 - 100
A	4.0	85 - 89
A-	3.7	80 - 84
B+	3.3	77 - 79
B	3.0	73 - 76
B-	2.7	70 - 72
C+	2.3	67 - 69
C	2.0	63 - 66
C-	1.7	60 - 62
D+	1.3	55 - 59
D	1.0	50 - 54
F	0.0	0 - 49