
PSYCHOLOGY 304/921: BRAIN AND BEHAVIOR

Part 1 : May 5 -June 14, 2008

INSTRUCTORS :

Dr. Ariane Coury
Room 2029, Kenny Bldg.
Department of Psychology
Telephone: 604-822-2024
Website: <http://www.psych.ubc.ca/~acoury>

Office Hours: by appointment

Dr. Boris Gorzalka will be teaching part 2 (June 16-July 25) in Scarfe 209.

If there are important announcements and changes, I will post them on the website therefore I recommend that you check the website on a regular basis.

THE BEST WAY TO COMMUNICATE WITH ME IS VIA PHONE. PLEASE DO NOT EMAIL ME UNLESS THERE IS AN EMERGENCY ABOUT MISSED EXAMS OR EXAM CONFLICTS. I PREFER TO ANSWER QUESTIONS ON COURSE CONTENT IN CLASS/PHONE OR IN PERSON.

TEACHING ASSISTANT:

Marla Mickleborough
Room 3504, Kenny Bldg.
Email: marla@psych.ubc.ca

Office Hours: by appointment

PREREQUISITES:

Psychology 100 level or permission from instructor

TEXTBOOK:

Biological Psychology by Rosenzweig, Breedrole & Watson (5th ed., 2007)

You will be responsible for reading the materials in the text in the order shown on the schedule. The text contains much material that will not be covered directly in the lectures. You are, however, still responsible for that material. On the other hand, there is much material that will be covered in the lectures that will not appear in the readings. Every text is, by necessity, always several years out of date in its coverage, and somewhat limited in its scope, hence the lectures will cover material which the text does not, or can not, include. In any event, you will generally find that if you have done the reading BEFORE the lectures, the material given in class will be clearer and more easily retained.

PSYCHOLOGY DEPARTMENT'S POSITION ON ACADEMIC MISCONDUCT:

Cheating, plagiarism, and other forms of academic misconduct are very serious concerns of the University, and the Department of Psychology has taken steps to alleviate them. In the first place, the Department has implemented software that, can reliably detect cheating on multiple-choice exams by analyzing the patterns of students' responses. In addition, the Department subscribes to *TurnItIn*--a service designed to detect and deter plagiarism. All materials (term papers, lab reports, etc.) that students submit for grading will be scanned and compared to over 5 billion pages of content located on the Internet or in TurnItIn's own proprietary databases. The results of these comparisons are compiled into customized "Originality Reports" containing several, sensitive measures of plagiarism; instructors receive copies of these reports for every student in their class.

In all cases of suspected academic misconduct, the parties involved will be pursued to the fullest extent dictated by the guidelines of the University. Strong evidence of cheating or plagiarism may result in a zero credit for the work in question. According to the University Act (section 61), the President of UBC has the right to impose harsher penalties including (but not limited to) a failing grade for the course, suspension from the University, cancellation of scholarships, or a notation added to a student's transcript. All graded work in this course, unless otherwise specified, is to be original work done independently by individuals. Do **not** use Google/Yahoo/MSN Search/etc. to find articles for assignments in this course. **Do** use any of the indexes and databases listed under Indexes and Databases, Subject Resources, OneSearch or Metasearch on the Library's website at <http://www.library.ubc.ca>. (Not sure which index to use? Click HELP on the library homepage at www.library.ubc.ca or try Subject Resources.)

If you have any questions as to whether or not what you are doing is even a borderline case of academic misconduct, please consult your instructor. For details on pertinent University policies and procedures, please see Chapter 5 in the UBC Calendar (<http://students.ubc.ca/calendar>).

TENTATIVE LECTURE TOPICS:

- | | | |
|----|--|------------------------|
| 1. | Introduction to Course Chapter 1 | |
| 2. | Anatomy of the Nervous System | Chapter 2 |
| 3. | Cytology of the Nervous System | |
| 4. | Neural Conduction and Synaptic Transmission | Chapter 3 |
| 5. | The Neurotransmitters | Chapter 4 (pp. 88-100) |
| 6. | Methods of Studying the Nervous System
342-352) | Chapter 11 (pp. |
| 7. | Human Neuropsychological Disorders
214) | Chapter 7 (pp. 206- |

EXAM #1 May 26, 2008

- | | | |
|-----|---|---------------------|
| 8. | Schizophrenia
16 | Chapter |
| 9. | Depression | |
| 10. | Principles of Drug Action, Addiction
117) | Chapter 4 (pp. 97- |
| 11. | Pleasure: Reward Circuits in the Brain | |
| 12. | The Somatosensory System Control.
Pain and Analgesia | Chapter 8 |
| 13. | The Auditory System
270) | Chapter 9 (pp. 248- |

EXAM #2 June 11, 2008

[[UBC Department of Psychology](#)] [[Send Feedback/Report A Problem](#)]