
PSYCHOLOGY 304/921: BRAIN AND BEHAVIOR

Part 1 : May 5 -June 14, 2008

INSTRUCTORS :

Dr. Ariane Coury
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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 Every text is, by necessity, always several years out of date in its coverage, and somewhat limited in its scope, hence the lectures will cover material which the text does not, or can not, include.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.

Students should therefore note that an unofficial grade given by an instructor might be changed by the faculty, department or school. Grades are not official until they appear on a student's academic record.

STUDENT #	UNOFFICIAL Grade
	67.00
16899031	68.21
18393082	63.21
19025030	63.21
20597035	64.88
20871059	69.88
23164056	53.21
24090052	51.54
24208068	61.54
24721052	48.21
24749053	89.88
25423054	56.54
26185058	53.21
26561050	78.21
26953059	69.88
27806058	41.54
29774056	59.88
33973058	64.88
36846053	44.88
38090056	76.54
38844056	93.21
39667050	94.88
40106023	81.54
42171025	66.54
42515080	73.21
43103084	76.54
46628087	74.88
47340070	98.21
48092076	68.21
50843077	68.21
58541061	61.54
59588061	69.88
59928069	46.54
60685047	56.54
61606042	54.88
64089048	69.88
64248040	71.54
64303068	98.21
65031049	64.88

65680043	81.54
67960047	59.88
74545062	64.88
76300060	84.88
77167062	73.21
77698041	79.88
78003068	46.54
79086047	69.88
81409047	53.21
82218066	71.54
86119047	44.88
88196043	84.88
89933048	66.54
91886077	48.21
92275072	66.54
92337047	76.54
96690078	
98604010	43.21

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- |

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|-----|---|---------------------|
| 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

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