Experimental Psychology and Laboratory
Part 2: Cognitive Neuroscience

Psychology 260 (January – April, 2009)
The University of British Columbia

COURSE SYLLABUS

Instructor:
Dr. Kalina Christoff
Email: kchristoff@psych.ubc.ca
Office: Kenny 3408
Office Hours: Thursdays 2:00 to 3:30 pm

Teaching Assistants:
Melissa Ellamil Tiffany Lee Heather Mann
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Required Text:

Biological Psychology, J.W. Kalat,
Wadsworth Publishing Co, 9th Edition

General Procedure:

Classes will be held on Tuesdays and Thursdays from 9:30 to 11:00 am in Buchanan D218. Labs will be held in MSRC 1 (Math and Statistics Resource Centre is located across from the Math building). Section L01 is scheduled for Tuesdays from 2:30 to 4:30pm. Section L02 is also Tuesdays from 4:30 to 6:30pm. The first lab will be held on Tuesday, January 13th.
Course Restrictions:
Enrollment in this course is required of and restricted to Psychology B.Sc. students. Psychology B.Sc. students will not receive credit for BIOL 300, STAT200, PSYC 217, PSYC 218 or PSYC 304.

Topics  Preliminary Assigned Readings
1. Sensory systems  Chapter 6, 7, Kalat
2. Attention  Chapter 7, Kalat
3. Motor systems  Chapter 8, Kalat
4. Memory  Chapter 13, Kalat
5. Language and Lateralization  Chapter 14, Kalat
6. Attention  Chapter 14, Kalat
7. Executive functions  470-481, Kalat

Course Structure:
The course will be organized in four groups of topics, with the following headings:
- Sensory systems
- Motor systems
- Language and attention
- Memory and executive functions
Please note that the topics and reading assignments listed above are not in the order in which they will be covered in class.

Exam Schedule:

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>February 26</td>
<td>Material covered up to reading week (Midterm)</td>
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<tr>
<td>April exam period</td>
<td>Material covered from after the reading week - April 7 (Final)</td>
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Examination Format:
Exams will consist mostly of multiple-choice questions. Approximately 50% of the examination material will be based on lectures that are not covered by the assigned readings and considerable textbook material will not necessarily be covered by lectures. The exams will also include questions from the in-class student presentations. In addition, presentations based on lab discussions of experimental ideas will be made and evaluated.

Grade Evaluation:
Midterm: 30%
Final: 35%
Papers and presentations: 30% (2 papers, each 7.5% + 2 presentations, each 7.5%)
Group participation: 5%

Paper and presentations
As part of the lab assignments, each student will write 2 papers and will make one presentation. In addition to the lab, each student will make one presentation in class (in
Buchanan D218). This will be a 10-minute Powerpoint presentation of a scientific paper, relevant to the course material. A list of the possible paper for presentation will be provided, but students are also free to choose their own papers for presentation, if approved by the instructor.

**Course Policies:**

Examinations will be given on published dates only. Students who miss examinations will not have the opportunity to re-write. Students who miss an examination and have documentation of a valid medical excuse will have their grade on the final examination adjusted accordingly.

Students must retain a copy of all submitted laboratory reports (in case of loss). All laboratory reports must be typewritten. The policy on late laboratory reports will be announced in the laboratory. Your comments and questions are very welcome in class as well as in my office. Classroom participation is encouraged.

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**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 4.5 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. 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) and read the University’s Policy 69 (available at http://www.universitycounsel.ubc.ca/policies/policy69.html).