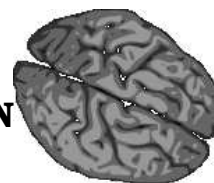




Department of Psychology
TRENT UNIVERSITY OSHAWA
PSYCHOLOGY 2400H-A: INTRO TO COGNITION
2012 WINTER Oshawa



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Office Hrs	Tuesdays 2:00pm-4:00pm	Office Hrs	Wednesdays noon-1:00pm
Lab Rooms Admin Block 177 & 178			
Web www.igs.net/~bgbauer/trentweb/2400W12			
Psychology Department Trent Peterborough: LHS C104, 905-443-6500 or 705-748-1011, ext. 7535			

Success in Psych2400 requires a critical understanding (as demonstrated in written laboratory reports and tests) of the last 150 years of scientific approaches to the study of human mind including psychophysical, behavioural, neuropsychological, and information processing focuses. Students will be able to assess the quality and limitations of cognitive psychology research, state applications to teaching and learning, and summarize the results and inferences of these experiments using verbal or visual methods. First-hand experience with at least two experiments, and ability to document in appropriate style, at least one, are requirements for this course.

Description: *This course focuses on humans as processors of information. Topics surveyed include perception, attention, memory, reasoning, language, and problem solving. Experimental methods, models of cognitive processes, and analogies of mind will be discussed.*

Prerequisites: **C- (60%) or higher in PSYC 1010Y (101) or in 1020H (102H) AND 1030H (103H). Excludes PSYC 225, PSYC 306 and PSYC 351.**

Format: **This course consists of a weekly 2½+ hour lecture held on Wednesdays from 2:10pm – 5:00pm in room 125, plus scheduled lab-based and web-based demonstrations and experiments.**

Required Texts: Goldstein, E. B. (2011). *Cognitive psychology: Connecting mind, research and everyday experience (3rd ed.)*. University of Pittsburgh: Wadsworth. 9780840033550



American Psychological Association (2010). *Publication manual of the American Psychological Association*. (6th ed.). Washington, DC: Author.

Required Reading: Mitchell, M. L., Jolley, J. M., & O'Shea, R. P. (2010). *Writing for psychology*. (3rd ed., pp. 6-8, 135-137, 169). Belmont, CA: Wadsworth.

Evaluation:	Test 1	(in class) Feb. 15, Ch 1,2,3(p71→),5,6,7	30%
	Test 2	(final exam) comprehensive (Apr. 18)	40%
	Lab data/report 1	participation and written (see Schedule)	20%
	Lab data/report 2	participation and written (see Schedule)	10%

University Policies

ACADEMIC INTEGRITY:

Academic dishonesty, which includes plagiarism and cheating, is an extremely serious academic offence and carries penalties varying from a 0 grade on an assignment to expulsion from the University. Definitions, penalties, and procedures for dealing with plagiarism and cheating are set out in Trent University's *Academic Integrity Policy*. You have a responsibility to educate yourself – unfamiliarity with the policy is not an excuse. You are strongly encouraged to visit Trent's Academic Integrity website to learn more – www.trentu.ca/academicintegrity.

ACCESS TO INSTRUCTION:

It is Trent University's intent to create an inclusive learning environment. If a student has a disability and/or health consideration and feels that he/she may need accommodations to succeed in this course, the student should contact the Disability Services Office (DSO office #111, 905-435-5100) disabilityservices@trentu.ca as soon as possible. Complete text can be found under Access to Instruction in the Academic Calendar.

Departmental Policy on Tests, Exams, and Assignments

A MIDTERMS & FINAL EXAMINATIONS

Midterm examinations for half courses within the Psychology Department are scheduled by the instructor of the course. Midterm examinations for full courses and final examination for all courses are scheduled by the Registrar's Office. Students are strongly urged NOT to make any commitments (i.e., vacation, job related, or other travel plans) during either the term as a whole or the final examination period. Students are required to be available for all examinations during the periods for which they are scheduled (as published in course syllabi).

B DEFERRAL OF MIDTERM / FINAL EXAMINATIONS and/or TERM WORK

Extensions of deadlines for completion of assignments or writing of midterms/final examinations may be granted to students on the basis of illness, accident, or other extreme and legitimate circumstances beyond their control. Consideration for deferrals will not normally be granted on the basis of vacation/travel plans or job-related obligations.

C SUPPORTING DOCUMENTATION

Students should expect that supporting documentation will be required and must be submitted before a deferral is approved. For illness or accident, supporting documentation will take the form of: (1) the Trent University Medical Certificate from Health Services: (<http://www.trentu.ca/healthservices/medical.html>), or (2) a certificate or letter from the attending physician clearly indicating the start and end dates of the illness and the student's inability to write an examination, complete assignments, and/or attend classes, as relevant to the particular request. For other circumstances, students should consult the individual Psychology faculty member about acceptable forms of documentation.

Notes

1. Academic Integrity:

For the purpose of interpreting and applying the University policy on academic dishonesty, the Department of Psychology has adopted the following:

When a student submits a piece of written work in fulfillment of an assignment, he/she implicitly acknowledges the following: a) that she/he is the sole author of the work; b) that the wording and organization of the work, apart from acknowledged quotations, is her/his own; and c) that she/he has not and will not submit this work, either as a whole or in part, to satisfy another course requirement. These basic assumptions will be reasonably interpreted. They do not preclude collaboration between students upon a single project, by prior arrangement with the instructor, for shared academic credit (either for written or oral presentation).

For an elaboration of the Department's policy on, and for specific examples of, plagiarism, students should consult p. 178 in the APA (2010) and the sections on academic honesty (pp. 6-8), and

appropriate citing and referencing (pp. 135-137, 169) in Mitchell et al. (2010) on reserve in the library. Students who have doubts about what might be considered academic dishonesty are urged to consult the instructor of the course. Ignorance of the University or Department policy does not excuse academic dishonesty. Submissions that fail to meet one or more of these considerations will be subject to procedures laid down in the policy on academic dishonesty as stated in the University calendar.


2. It is the policy of the Department NOT to accept faxed assignments.
3. The same assignment cannot be submitted in more than one course without the prior written permission of all instructors concerned. The written approval must be attached to the work when it is submitted.
4. Students are required to use American Psychological Association style (6th edition), for all written assignments.
5. Please see the Trent University academic calendar for University Diary dates, Academic Information and Regulations, and University and departmental degree requirements.
6. Last date to withdraw from a Winter half-term course without academic penalty in 2011-2012 is March 9, 2012.

Best Practices in this course as recommended by previous students:

- 1) Read and understand the chapter to the best of your ability BEFORE CLASS. Bring the book to class so we can discuss diagrams, graphs, paragraphs.
- 2) Visit the course webpage www.igs.net/~bgbauer/trentweb/2400W12 several times a week, especially the evening or morning before class.
- 3) Attend Class. A portion of test material is based on information and elaborations NOT in the text.
- 4) Use the course forum <http://www.igs.net/~bgbauer/trentweb/forum.html> to ask me and your peers for information. Use this for discussions that will benefit others. Do not use the forum to tell me that you will miss next class because it conflicts with your 'Alien abduction support group meeting' or your appearance on Springer... everyone in the class has access to all the messages!
- 5) Review test and assignments to make sure you understand where you lost marks and to make sure that I added correctly.
- 6) Do not waste your in-class time on Facebook, IM, solitaire, email. These things are NOT on the test/exam. However, the concept I explained while you were doing those things probably will be... too late now, you missed it. Oh well, -2%. Was it worth it?

Web Resources: Testing is based on lectures/text/labs - external material is for interest and to increase understanding of required material.

Schedule:

Week	Date	Coverage	notes
1	Jan. 11	Ch1 [Intro to Cognition]	
2	Jan. 18	Ch2 + Ch3 p71→ [Cognition and the Brain]	
3	Jan. 25	Ch5 [Short-Term & Working Memory]	Experiments ⁽¹⁾
4	Feb. 1	Ch6 [Long-Term Memory I]	Experiments ⁽¹⁾
5	Feb. 8	Ch7 [Long-Term Memory II]	Experiments ⁽¹⁾
6	Feb. 15	Test Ch 1,2,3(p71→),5,6,7 [no lecture]	Experiments ⁽¹⁾
7	Feb. 22	—— READING WEEK ——	
8	Feb. 29	Ch4 [Attention]	
9	Mar. 7	Ch8 [Everyday Memory]	Lab report 1 due
10	Mar. 14	Ch9 [Knowledge]	
11	Mar. 21	Ch10 [Visual Imagery]	Lab report 2 due
12	Mar. 28	Ch11 [Language]	
13	Apr. 4	Ch13 p368→ [Reasoning & Decision Making]	
		<i>Mon. Apr 18 EXAM</i>	

(1)Experiments will be run in multiple sessions. Scheduling will depend on class size and will be announced. The lab reports based on these experiments will constitute a maximum 30% of your final mark including 2% for participation. Missed lab participation will result in a mark of no more than 50% of eligible marks on the submitted work. The lab reports will involve documenting one or more of the studies experienced in during the course. The specific requirements for content and style will be stated and marks will be determined based on satisfaction of these requirements. Reports submitted late will accrue a minus 5 term-point penalty per 24 hour day until only the 2 participation marks (if eligible) of the 30 possible component marks remain.