



Psychology 365 (L01)

Cognitive Psychology

<b>Instructor:</b>	Dr. Glen Bodner	<b>Lecture Location:</b>	ST 145
<b>Phone:</b>	403-220-2714 (no callbacks)	<b>Lecture Days/Time:</b>	MWF 9-9:50 am
<b>Email:</b>	bodner@ucalgary.ca (I will aim to reply to emails within 1 weekday)	<b>TA:</b>	Dave Sidhu dsidhu@ucalgary.ca
<b>Office:</b>	A 257B	<b>TA Office:</b>	A 65F (basement)
<b>Office Hours:</b>	After class or by appointment	<b>TA Office Hours:</b>	T 1-2 pm

**Course Description from Calendar**

A survey of research and theory in cognitive psychology. Research on pattern recognition, attention, memory, language, thinking, and other cognitive mechanisms. Includes discussion of brain regions.

**Prerequisite**

Psyc 205 – Principles of Psychology

**Required Text**

Reisberg, D. (2010). *Cognition: Exploring the Science of the Mind*. (4<sup>th</sup> Edition). New York, NY: Norton.  
[Available in University Bookstore packaged with Workbook and Zaps – ISBN 978-0-393-19851-5]

**Evaluation**

**1. Tests/exams (85% of final grade).** There will be 3 multiple-choice term tests (20% of final grade each) and 1 cumulative multiple-choice final exam (25% of final grade). No outside materials are permitted.

Test/Exam	Text chapters	% of final grade	Date
Term test 1	1-4 (lecture material and text material)	20	M Oct 1
Term test 2	5-7 (lecture material and text material)	20	F Oct 26
Term test 3	8-11 (lecture material and text material)	20	W Nov 21
Final exam	1-11 (10% of final grade; lecture material) 12-15 (15% of final grade; lecture material and text material)	25	TBA

**2. Chapter Article Paper (15% of final grade; 6-8 double-spaced pages).** A random assignment of students to chapters will be posted by UCID on Blackboard. Using PsycInfo, Web of Science, Google Scholar, or another means, find an empirical journal article (i.e., one that reports an original experiment) that updates or challenges a claim made in an empirical journal article referenced in the assigned text chapter. The article you choose cannot be referenced in the text. You must be the first to post the article

reference in APA format on Blackboard within the appropriate text chapter forum to lay claim to your article. No two students can use the same article (note: doing so will result in an F grade on the paper). In Part 1 of your paper (3-4 double-spaced pages; 7.5%), describe the first study, and then describe the second study and explain how it updates or challenges our understanding of the relevant cognitive process. In Part 2 of your paper (3-4 double-spaced pages; 7.5%), critique the second study and then either 1) propose an original third study and explain how it could further our understanding of the relevant cognitive process while addressing your critique, or 2) find, cite, describe, and critique a third empirical article that has already attempted to achieve both these ends. Papers must be completed using the **ChapterArticlePaper.docx** file as it is formatted and posted on Blackboard. Papers should be submitted in class on the due date. Late (or early) papers will be accepted only via the green box outside A275 and should be given to the TA, not the instructor. Emailed assignments will not be accepted. Late papers will be accepted only if received within 1 week of the due date, and will be penalized a full letter grade (e.g., a “B+” paper will receive a “C+” grade).

### Grading Scale

A+	96-100%	B+	80-84%	C+	67-71%	D+	54-58%
A	90-95%	B	76-79%	C	63-66%	D	50-53%
A-	85-89%	B-	72-75%	C-	59-62%	F	0-49%

As stated in the University Calendar, it is at the instructor’s discretion to round off either upward or downward to determine a final grade when the average of term work and final examinations is between two letter grades. To determine final letter grades, final percentage grades will be rounded up or down to the nearest whole percentage (e.g., 89.5% becomes 90% = A, but 89.4% becomes 89% = A-).

## Tentative Lecture Schedule

Date	Text chapter and topic	Paper due dates
M Sep 10	Lectures begin. Course overview (full class with critical info)	
W Sep 12	Ch 1 – The Science of the Mind	
F Sep 14	Ch 1 – The Science of the Mind	
M Sep 17	Ch 2 – The Neural Basis for Cognition	
W Sep 19	Ch 2 – The Neural Basis for Cognition	
F Sep 21	Ch 3 – Recognizing Objects Last day to drop a course with no W grade and tuition refund.	
M Sep 24	Ch 3 – Recognizing Objects Last day for add or swap courses.	
W Sep 26	Ch 4 – Paying Attention	Ch 3 Article papers
F Sep 28	Ch 4 – Paying Attention	
M Oct 1	<b>Test 1 (Ch 1-4, 20% of final grade)</b>	
W Oct 3	Ch 5 –Acquisition of Memories and the Working-Memory System	Ch 4 Article papers
F Oct 5	Ch 5 –Acquisition of Memories and the Working-Memory System	
M Oct 8	Thanksgiving Day. No lecture. University closed.	
W Oct 10	Ch 5 –Acquisition of Memories and the Working-Memory System	
F Oct 12	Ch 6 – Interconnections Between Acquisition and Retrieval	Ch 5 Article papers
M Oct 15	Ch 6 – Interconnections Between Acquisition and Retrieval	
W Oct 17	Ch 6 – Interconnections Between Acquisition and Retrieval	
F Oct 19	Ch 7 – Remembering Complex Events	Ch 6 Article papers
M Oct 22	Ch 7 – Remembering Complex Events	
W Oct 24	Ch 7 – Remembering Complex Events	
F Oct 26	<b>Test 2 (Ch 5-7, 20% of final grade)</b>	
M Oct 29	Ch 8 – Associative Theories of Long-Term Memory	Ch 7 Article papers
W Oct 31	Ch 8 – Associative Theories of Long-Term Memory	
F Nov 2	Ch 9 – Concepts and Generic Knowledge	Ch 8 Article papers
M Nov 5	Ch 9 – Concepts and Generic Knowledge	
W Nov 7	Ch 10 – Language	Ch 9 Article papers
F Nov 9	Reading days. No lecture.	
M Nov 12	Remembrance Day. No lecture. University Closed.	
W Nov 14	Ch 10 – Language	
F Nov 16	Ch 11 – Visual Knowledge	Ch 10 Article papers
M Nov 19	Ch 11 – Visual Knowledge	
W Nov 21	<b>Test 3 (Ch 8-11, 20% of final grade)</b>	
F Nov 23	Ch 12 – Judgment: Drawing Conclusions From Evidence	Ch 11 Article papers
M Nov 26	Ch 12 – Judgment: Drawing Conclusions From Evidence	
W Nov 28	Ch 13 – Reasoning: Thinking Through the Impl. of What You Know	Ch 12 Article papers
F Nov 30	Ch 13 – Solving Problems	
M Dec 3	Ch 14 – Conscious Thought, Unconscious Thought	
W Dec 5	Ch 15 – Conscious Thought, Unconscious Thought	
F Dec 7	Ch 15 – Conscious Thought, Unconscious Thought Fall Term Lectures End.	
Dec 10-19	<b>Final Exam TBA (Ch 1-15, 25% of final grade, see above)</b>	

### **Reappraisal of Grades**

A student who feels that a piece of graded term work (e.g., term paper, essay, test) has been unfairly graded, may have the work re-graded as follows. The student shall discuss the work with the instructor within 15 days of being notified about the mark or of the item's return to the class. If not satisfied, the student shall immediately take the matter to the Head of the department offering the course, who will arrange for a reassessment of the work within the next 15 days. The reappraisal of term work may cause the grade to be raised, lowered, or to remain the same. If the student is not satisfied with the decision and wishes to appeal, the student shall address a letter of appeal to the Dean of the faculty offering the course within 15 days of the unfavourable decision. In the letter, the student must clearly and fully state the decision being appealed, the grounds for appeal, and the remedies being sought, along with any special circumstances that warrant an appeal of the reappraisal. The student should include as much written documentation as possible.

### **Plagiarism and Other Academic Misconduct**

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. Consequently, plagiarism or cheating on any assignment is regarded as an extremely serious academic offense. Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Students should examine sections of the University Calendar that present a Statement of Intellectual honesty and definitions and penalties associated with Plagiarism/Cheating/Other Academic Misconduct.

### **Academic Accommodation**

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than 14 days after the start of this course.

### **Absence From A Test/Exam**

Makeup tests/exams are NOT an option without an official University medical excuse (see the University Calendar). A completed Physician/Counselor Statement will be required to confirm absence from a test/exam for health reasons; the student will be required to pay any cost associated with this Statement. Students who miss a test/exam have 48 hours to contact the instructor AND to schedule a makeup test/exam. Students who do not schedule a makeup test/exam with the instructor within this 48-hour period forfeit the right to a makeup test/exam. At the instructor's discretion, a makeup test/exam may differ significantly (in form and/or content) from a regularly scheduled test/exam. Except in extenuating circumstances (documented by an official University medical excuse), a makeup test/exam must be written within 2 weeks of the missed test/exam.

### **Freedom of Information and Protection of Privacy (FOIP) Act**

The FOIP legislation disallows the practice of having student's retrieve tests and assignments from a public place. Therefore, tests and assignments may be returned to students during class/lab, or during office hours, or via the Department Office (Admin 275), or will be made available only for viewing during exam review sessions scheduled by the Department. Tests and assignments will be shredded after one year. Instructors should take care to not link students' names with their grades, UCIDs, or other FOIP-sensitive information.

### **Course Credits for Research Participation**

Students in most psychology courses are eligible to participate in Departmentally approved research and earn credits toward their final grades. A maximum of two credits (2%) per course, including this course, may be applied to the student's final grade. Students earn 0.5% (0.5 credits) for each full 30 minutes of participation. The demand for timeslots may exceed the supply in a given term. Thus, students are not guaranteed that there will be enough studies available to them to meet their credit requirements. Students should seek studies early in the term and should frequently check for open timeslots. Students can create an account and participate in Departmentally approved research studies at <http://ucalgary.sona-systems.com>. The last day to participate in studies and to assign or reassign earned credits to courses is December 7, 2012.

### **Evacuation Assembly Point**

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom: <http://www.ucalgary.ca/emergencyplan/assemblypoints>  
Please check this website and note the nearest assembly point for this course.

### **Student Organizations**

Psychology students may wish to join the Psychology Undergraduate Students' Association (PSYCHS). They are located in Administration 170 and may be contacted at 403-220-5567.

Student Union VP Academic: Phone: 403-220-3911 [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)

Student Union Faculty Rep.: Phone: 403-220-3913 [socialscirep@su.ucalgary.ca](mailto:socialscirep@su.ucalgary.ca)

### **Important Dates**

The last day to drop this course with no "W" notation and still receive a tuition fee refund is September 21, 2012. Last day for registration/change of registration is September 24, 2012. The last day to withdraw from this course is December 7, 2012.