



Psychology 365 - L01

Cognitive Psychology

Winter 2013

<b>Instructor:</b>	Dr. Glen Bodner	<b>Lecture Location:</b>	Earth Sciences 162
<b>Phone:</b>	403-220-2714 (no callbacks)	<b>Lecture Days/Time:</b>	TR 11-12:15
<b>Email:</b>	bodner@ucalgary.ca (I will aim to reply to emails within 1 weekday)	<b>TA:</b>	Alex Taikh ataikh@ucalgary.ca
<b>Office:</b>	A 257B	<b>TA Office:</b>	A 01 (basement)
<b>Office Hours:</b>	Email to arrange an appointment	<b>TA Office Hours:</b>	TBA

**Course Description**

The course provides a survey of research and theory about cognitive processes including object recognition, attention, memory, language, thinking, and consciousness.

**Prerequisite**

Psyc 205 – Principles of Psychology or Psyc 200 – Principles of Psychology I and Psyc 201 – Principles of Psychology II

**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; used copies are fine; you do not need the Workbook or Zaps]

**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 and text material)	20	R Jan 31
Term test 2	5-7 (lecture and text material)	20	T Mar 5
Term test 3	8-11 (lecture and text material)	20	R Mar 28
Final exam	1-11 (10% of final grade; lecture material) 12-15 (15% of final grade; lecture and text material)	25	TBA (April 19-30)

**2. Chapter Article Paper (15% of final grade; 6-8 double-spaced pages).** Student assignment to text chapters will be posted on Blackboard. Choose an *empirical* journal article (i.e., one that reports an original experiment) referenced in your assigned text chapter and obtain a copy of it (Article 1). Using PsycInfo, Web of Science, Google Scholar, or another means, find a second empirical journal article (Article 2) that updates or challenges a claim made in Article 1 and obtain a copy of it. Article 2 cannot

be referenced in the text. Read Article 1 and 2 and be sure you are comfortable with both articles before you proceed. You must be the first to post the Article 2 reference in APA format on Blackboard within the appropriate text chapter forum to lay claim to that article. No two students can use the same Article 2 (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%), introduce the topic, describe Article 1, and then describe Article 2 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%), evaluate the research design and/or claims in Article 1 and/or 2 and then either 1) propose an *original* third study and explain how your novel extension could further our understanding of the relevant cognitive process while addressing your criticisms, or 2) find, cite, describe, and evaluate the research design and/or claims made in a third empirical article (Article 3) that cites Article 1 and/or 2 that has already met these goals. Be sure to describe the progression in our understanding of the relevant cognitive process across these articles while highlighting what we still need to learn. 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 5% out of 100% (e.g., a 76% grade = B will become a 71% grade = C+).

### 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	Topic (Text Chapter)	Paper due dates
T Jan 8	The science of the mind (Ch 1)	
R Jan 10	Methods of cog psych (Ch 2)	
T Jan 15	Methods of cog psych (Ch 2)	
R Jan 17	Recognizing objects (Ch 3)	
T Jan 22	Recognizing objects (Ch 3)	
R Jan 24	Attention (Ch 4)	
T Jan 29	Attention (Ch 4)	Ch 3 Article papers
R Jan 31	<b>Test 1 (Ch 1-4, 20% of final grade)</b>	
T Feb 5	Encoding memories (Ch 5)	
R Feb 7	Encoding memories (Ch 5)	Ch 4 Article papers
T Feb 12	Memory retrieval (Ch 6)	
R Feb 14	Memory retrieval (Ch 6)	Ch 5 Article papers
T Feb 19	Reading break	
R Feb 21	Reading break	
T Feb 26	Memory for events (Ch 7)	
R Feb 28	Memory for events (Ch 7)	Ch 6 Article papers
T Mar 5	<b>Test 2 (Ch 5-7, 20% of final grade)</b>	
R Mar 7	Knowledge (Ch 8)	
T Mar 12	Knowledge (Ch 8)	Ch 7 Article papers
R Mar 14	Categorization (Ch 9)	
T Mar 19	Categorization (Ch 9)	Ch 8 Article papers
R Mar 21	Language (Ch 10)	Ch 9 Article papers
T Mar 26	Imagery (Ch 11)	
R Mar 28	<b>Test 3 (Ch 8-11, 20% of final grade)</b>	
T Apr 2	Judgment (Ch 12)	Ch 10 Article papers
R Apr 4	Reasoning (Ch 13)	Ch 11 Article papers
T Apr 9	Problem solving (Ch 14)	Ch 12 Article papers
R Apr 11	Consciousness (Ch 15)	
T Apr 16	Consciousness (Ch 15)	
	<b>Final Exam TBA (Ch 1-15, 25% of final grade, see above)</b>	

### 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.

### **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.

### **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 April 16, 2013.

### **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**

Last day to drop this course with no "W" notation and **still receive a tuition fee refund** is **January 18, 2013**. Last day for registration/change of registration is **January 21, 2013**. Last day to withdraw from this course is **April 16, 2013**.