

Psychology 365 (L02)	Cognitive Psychology	Winter 2013
<b>Instructor:</b>	Dr. Penny Pexman	<b>Lecture Location:</b> MFH 164
<b>Phone:</b>	403-220-6352	<b>Lecture Days/Time:</b> T/R 12:30-13:45
<b>Email:</b>	pexman@ucalgary.ca	<b>TA:</b> Dave Sidhu <a href="mailto:dsidhu@ucalgary.ca">dsidhu@ucalgary.ca</a>
<b>Office:</b>	Admin 228	<b>TA Office:</b> Admin 63 (basement)
<b>Office Hours:</b>	W 13:00-15:00 or by appointment	<b>TA Office Hours:</b> TBA

### Course Description and Goals

From the Calendar: A survey of research and theory in cognitive psychology. Research in pattern recognition, attention, memory, language, thinking, and other cognitive abilities is explored, with discussion of associated brain mechanisms.

### Prerequisites

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 the University Bookstore]

### Evaluation

#### 1. Tests/exams (80%)

There will be 3 exams in the course. The first two exams are *not* cumulative. The final exam *is* cumulative. Exams will include multiple-choice questions, and will cover both lecture and textbook material. Access to textbooks and/or class notes will not be permitted during exams (including the final exam).

Test	Text content	% of Final Grade	Date
Test # 1	Ch 1-5	25	Thursday February 7, 2013
Test # 2	Ch 6-10	25	Thursday March 14, 2013
Test # 3	Ch 1-15	30	Final examination period (April 19-30, 2013)

## 2. Research Translation Assignment (20%)

The purpose of this assignment is to give students an opportunity to read and synthesize current research findings that relate to research described in the textbook. Using PsycInfo, Web of Science, Google Scholar, or another means, find an empirical journal article (i.e., one that reports one or more original experiments) 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. A list assigning students to textbook chapters will be posted by UCID on Blackboard. 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 written assignment (3-4 double spaced pages, 8%), 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 written assignment, (1 page, 5%), write a press release, translating the second study into language that the general public could understand and find interesting (see example posted on Blackboard). In Part 3 of your written assignment, (3-4 double spaced pages, 7%), critique the second study and then propose an original third study and explain how it could further our understanding of the relevant cognitive process while addressing your critique. Assignments should be submitted in class on the due date. Late (or early) assignments 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 assignments 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% will be rounded up to 90% = A but 89.4% will be rounded down to 89% = A-).

### Tentative Lecture Schedule

Date	Topic	Textbook Readings	Due
T Jan 8	Course Overview/Introduction	Chapter 1 pp 3-13	
R Jan 10	The Science of the Mind	Chapter 1 pp 3-13	
T Jan 15	The Neural Basis for Cognition	Chapter 2	
R Jan 17	The Neural Basis for Cognition	Chapter 2	
<b>F Jan 18</b>	<b>Last day to drop Winter Term courses.</b>		
<b>M Jan 21</b>	<b>Last day to add or swap Winter Term courses.</b>		
T Jan 22	Recognizing Objects in the World	Chapter 3	

R Jan 24	Recognizing Objects in the World	Chapter 3	
T Jan 29	Paying Attention	Chapter 4	Chapter 3 assignments
R Jan 31	Acquisition of Memories/The Working Memory System	Chapter 1 pp 14-22 Chapter 5	
T Feb 5	Acquisition of Memories/The Working Memory System	Chapter 1 pp 14-22 Chapter 5	Chapter 4 assignments
<b>R Feb 7</b>	<b>Test 1</b>	<b>Chapters 1-5</b>	
T Feb 12	Interconnections between Acquisition and Retrieval	Chapter 6	Chapter 5 assignments
R Feb 14	Remembering Complex Events	Chapter 7	
<i>T Feb 19</i>	<i>Reading Week. No Lecture</i>		
<i>R Feb 21</i>	<i>Reading Week. No Lecture</i>		
T Feb 26	Remembering Complex Events	Chapter 7	Chapter 6 assignments
R Feb 28	Theories of Long-Term Memory	Chapter 8	Chapter 7 assignments
T Mar 5	Concepts and Generic Knowledge	Chapter 9	Chapter 8 assignments
R Mar 7	Language	Chapter 10	
T Mar 12	Language	Chapter 10	Chapter 9 assignments
<b>R Mar 14</b>	<b>Test 2</b>	<b>Chapters 6-10</b>	
T Mar 19	Visual Knowledge	Chapter 11	Chapter 10 assignments
<i>R Mar 21</i>	<i>No lecture</i>		
T Mar 26	Judgment: Drawing Conclusions from Evidence	Chapter 12	Chapter 11 assignments
R Mar 28	Reasoning: Implications of What You Know	Chapter 13	
T Apr 2	Solving Problems	Chapter 14	Chapter 12 assignments
R Apr 4	Creativity	Chapter 14	Chapter 13 assignments
T Apr 9	Consciousness	Chapter 15	
R Apr 11	Consciousness	Chapter 15	Chapter 14 assignments
<b><i>T Apr 16</i></b>	Final Exam Review <b><i>Winter Lectures End. Last day to participate in research and allocate research credits.</i></b> <b><i>Last day to withdraw.</i></b>	Chapters 1-15	
<b>Apr 19-30</b>	<b>Winter Term Final Exams</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 (Max 2% of final grade)**

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 an individual's final grade. **To get 2%** added to the final grade in a full-year course, like this one, you have to acquire **a total of 4 bonus credits** towards the course. These credits may be acquired in the Fall and/or the Winter Session. 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 **Apr 16<sup>th</sup>, 2013**.

### **Evacuation Assembly Point**

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom. The list of assembly points is found at <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 [suypaca@ucalgary.ca](mailto:suypaca@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 **January 18, 2013**. Last day for registration/change of registration is **January 21, 2013**. The last day to withdraw from this course is **Apr 16<sup>th</sup>, 2013**.