

Psychology 365 L01
Cognitive Psychology
Fall 2016

Instructor:	Dr. Valerie San Juan	Lecture Location:	ICT 122
Phone:	403-220-2485	Lecture Days/Time:	MWF 10:00-10:50
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Office Hours:	Monday 11:00 – 12:00		

Course Description

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.

Course Learning Outcomes

The Department of Psychology is committed to student knowledge and skill development. The table below lists the key learning outcomes for this course, the program-learning outcomes they facilitate (see psyc.ucalgary.ca/undergraduate/program-learning-outcomes), and the expected level of achievement.

Course Learning Outcomes	PLO(s)	Level(s)
Describe theories of human attention	1	C
Describe the characteristics of human memory systems	1	C
Describe aspects of human thinking, including reasoning and decision making	1	C
Describe the neural mechanisms associated with human cognitive processes	1	C
Identify the cognitive processes involved in everyday human activities	1	C
Translate research findings in Cognitive Psychology into everyday language that members of the public could understand	1,7	C

Notes. PLOs = Program-Learning Outcomes: 1 = demonstrate knowledge of psychological sciences, 2 = think critically and solve problems, 3 = conduct research and analyze data, 4 = communicate effectively, 5 = demonstrate information literacy, 6 = understand and implement ethical principles, 7 = apply psychological knowledge and skills. Level of PLO achievement facilitated by this course: I = introductory, C = competency, A = advanced.

Prerequisites

Psyc 200 & 201 – Principles of Psychology I & II

Required Text

Smilek, D., Sinnett, S., & Kingstone, A. (2016). *Cognition* (6th Edition). Don Mills, ON: Oxford University Press.

[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 and short answer questions, and will cover both lecture and textbook material. Access to textbooks, electronics (iPods, iPads, computers) 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	20	Friday October 12, 2016
Test # 2	Ch 6-9	20	Wednesday November 9, 2016
Test # 3	Ch 1-13	40	Final examination period (December 12 – 22, 2016)

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 D2L. You must be the first to post the article reference in APA format on D2L 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 D2L). 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 electronically via D2L on the due date. Late (or early) assignments will be accepted only via D2L. 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).

Department of Psychology Grade Distribution Policy

The distribution of grades in Psychology courses (the percentage of A grades, B grades, etc.) will be similar to the distribution of grades in other courses in the Faculty of Arts. The Department monitors the grade distributions of 200-, 300-, and 400-level courses in the Faculty to ensure that the grade distributions in Psychology courses are comparable. Based on these reviews, students can expect that 1) up to 30% of grades in 200- and 300-level psychology courses will be “A” grades (A+, A, and A-), and 2) up to 40% of grades 400-level psychology courses will be “A” grades.

Department of Psychology Criteria for Letter Grades

Psychology professors use the following criteria when assigning letter grades:

A+ grade: *Exceptional Performance.* An A+ grade indicates near perfect performance on multiple choice and short answer exams. For research papers/essays/course projects/presentations, an A+ grade is awarded for exceptional work deserving of special recognition and is therefore not a common grade.

A, A- Range: *Excellent Performance.* Superior understanding of course material. Written work is very strong in terms of critical and original thinking, content, organization, and the expression of ideas, and demonstrates student's thorough knowledge of subject matter.

B Range: *Good Performance.* Above average understanding of course material. Written work shows evidence of critical thinking and attention to organization and editing but could be improved in form and/or content.

C Range: *Satisfactory Performance.* Adequate understanding of course material. Knowledge of basic concepts and terminology is demonstrated. Written work is satisfactory and meets essential requirements but could be improved significantly in form and content. Note: All prerequisites for courses offered by the Faculty of Arts must be met with a minimum grade of C-.

D range: *Marginally meets standards.* Minimal understanding of subject matter. Written work is marginally acceptable and meets basic requirements but requires substantial improvements in form and content. Student has not mastered course material at a level sufficient for advancement into more senior courses in the same or related subjects.

F grade: *Course standards not met.* Inadequate understanding of subject matter. Written work does not meet basic requirements. Student has not demonstrated knowledge of course material at a level sufficient for course credit.

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
M Sep 12	Course Overview/Introduction	Chapter 1	
W Sep 14	Introduction/Cognitive Neuroscience	Chapters 1 and 2	
F Sep 16			
M Sep 19	Perception	Chapter 3	
W Sep 21			
F Sep 23			
<i>F Sep 23</i>	<i>Last day to drop full courses (Multi-term) and Fall Term half courses. No refunds for full courses (Multi-term) or Fall Term half courses after this date.</i>		
<i>M Sep 26</i>	<i>Last day to add or swap full courses (Multi-term) and Fall Term half courses. Last day for change of registration from audit to credit or credit to audit.</i>		
M Sep 26	Attention	Chapter 4	
W Sep 28	Attention	Chapter 4	Chapter 2 Assignments
F Sep 30	Attention	Chapter 4	
<i>F Sep 30</i>	<i>Fee payment deadline for Fall Term full and half courses.</i>		
M Oct 3	Memory Traces and Schemas	Chapter 5	Chapter 3 Assignments
W Oct 5	Memory Traces and Schemas	Chapter 5	
F Oct 7	Memory Traces and Schemas	Chapter 5	Chapter 4 Assignments
<i>M Oct 10</i>	<i>Thanksgiving Day, University closed (except Taylor Family Digital Library, Law, Medical, Gallagher and Business Libraries). No lectures.</i>		
W Oct 12	Test 1	Chapters 1 - 5	
F Oct 14	Memory Systems	Chapter 6	
M Oct 17	Memory Systems	Chapter 6	Chapter 5 Assignments
W Oct 19	Memory Systems	Chapter 6	
F Oct 21	Imagery	Chapter 7	Chapter 6 Assignments
M Oct 24	Imagery	Chapter 7	
W Oct 26	Imagery	Chapter 7	Chapter 7 Assignments
F Oct 28	Concepts	Chapter 8	
M Oct 31	Concepts	Chapter 8	Chapter 8 Assignments
W Nov 2	Language	Chapter 9	
F Nov 4	Language	Chapter 9	Chapter 9 Assignments
M Nov 7	Language	Chapter 9	
W Nov 9	Test 2	Chapters 6 - 9	
<i>Nov 10--13</i>	<i>Reading Days. No lectures.</i>		
<i>F Nov 11</i>	<i>Remembrance Day (Observed). University Closed (except Taylor Family Digital Library, Law,</i>		

	<i>Medical, Gallagher and Business Libraries). No lectures.</i>		
M Nov 14	Problem Solving	Chapter 10	Chapter 10 Assignments
W Nov 16	Problem Solving	Chapter 10	
F Nov 18	Problem Solving	Chapter 10	Chapter 11 Assignments
M Nov 21	Reasoning, Judgement, and Choice	Chapter 11	
W Nov 23	Reasoning, Judgement, and Choice	Chapter 11	Chapter 12 Assignments
F Nov 25	Reasoning, Judgement, and Choice	Chapter 11	
M Nov 28	Intelligence and Creativity	Chapter 12	Chapter 13 Assignments
W Nov 30	Intelligence and Creativity	Chapter 12	
F Dec 2	Intelligence and Creativity	Chapter 12	
M Dec 5	Personal Cognition	Chapter 13	
W Dec 7	Personal Cognition	Chapter 13	
F Dec 9	Final Exam Review	Chapters 1-13	
<i>F Dec 9</i>	<i>Fall Term Lectures End. Last day to withdraw with permission from Fall Term half courses.</i>		
Dec 12-22	Fall Term Exam Period.		

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; no reappraisal of term work is permitted after the 15 days. 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

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services ; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/.

Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor.

The full policy on Student Accommodations is available

at http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf .

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 up to 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 during exam make-up hours provided by the department <http://psychology.ucalgary.ca/undergraduate/exam-and-course-information#mues>. If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam http://www.ucalgary.ca/registrar/exams/deferred_final. Under no circumstances will this be accommodated by the department.

Travel During Exams

Consistent with University regulations, students are expected to be available to write scheduled exams at any time during the official December and April examination periods. Requests to write a make-up exam because of conflicting travel plans (e.g., flight bookings) will NOT be considered by the department. Students are advised to wait until the final examination schedule is posted before making any travel arrangements. If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam http://www.ucalgary.ca/registrar/exams/deferred_final. Under no circumstances will this be accommodated by the department.

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 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 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 **Dec 9, 2016**.

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 130 and may be contacted at 403-220-5567.

Student Union VP Academic: Phone: 403-220-3911 suvpaca@ucalgary.ca

Student Union Faculty Rep.: arts1@su.ucalgary.ca

Student Ombudsman's Office

The Office of the Student Ombudsmen provides independent, impartial and confidential support for students who require assistance and advice in addressing issues and concerns related to their academic careers. The office can be reached at 403-220-6420 or ombuds@ucalgary.ca (<http://www.ucalgary.ca/provost/students/ombuds>)

Safewalk

The safewalk program provides volunteers to walk students safely to their destination anywhere on campus. This service is free and available 24 hrs/day, 365 days a year. Call 403-220-5333.

Important Dates

The last day to drop this course with no "W" notation and **still receive a tuition fee refund** is **September 23, 2016**. Last day for registration/change of registration is **September 26, 2016**. The last day to withdraw from this course is **December 9, 2016**.