

Psychology 365

Cognitive Psychology

Spring 2016

Instructor:	Dr. Catherine Phillips	Lecture Location:	ST 130
Phone:	403-220-8970	Lecture Days/Time:	Tu/Th 16:00 – 18:45
Email:	ciphilli@ucalgary.ca		
Office:	Admin 155A		
Office Hours:	Tu/Th 10:00-11:00		

Course Description and Goals

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

Psychology 200 – Principles of Psychology I
Psychology 201 – Principles of Psychology II

Required Text

Goldstein, E. B. (2015). *Cognitive Psychology: Connecting Mind, Research, and Everyday Experience* (4rd Edition). Belmont, CA: Wadsworth.

The textbook is available in the University Bookstore, packaged with a CogLab access code. If you are purchasing used materials, you must ensure that the CogLab access code was never activated or you must purchase an access code separately. A link to purchase an access code separately is available via email upon request.

Note: We will be using Top Hat Monocle in this course. You will receive an email with an invitation to join the course in Top Hat or you may search for the course and add yourself to it on your own following this link: <https://app.tophat.com>

D2L for Psyc 200

There is an area of the general campus D2L site set aside for this course. D2L can be accessed via this link (<https://d2l.ucalgary.ca/d2l/home>). **This site should be your first stop for questions about the course topics and dates etc.**

Partial PowerPoint slides will be posted on D2L the night before each class. To fill in the remainder of the slides you must attend class, or get notes from a classmate. In addition, announcements and grades will be posted on this site.

Evaluation

Component	% of final grade	Date
2 Midterms	28% each	May 24 th , 2016 & June 16 th , 2016
Final Exam	34%	TBD: July 2-4
CogLab	7%	Throughout the term
Top Hat	3%	Throughout the term
Research Participation	2% BONUS	

Tests/exams (90%)

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 (including videos) and textbook material. Access to textbooks and/or class notes will not be permitted during exams (including the final exam). A student obtaining a failing grade on any test/exam will not automatically fail the course; however a student with a failing mark is strongly encouraged to contact Dr. Phillips to discuss strategies for success throughout the remainder of the course.

The midterms will be 75 minutes in length at the start of the scheduled class. Lecture will follow the exam after a brief break. If you miss a test or exam, an alternate time may be arranged but you will be required to supply me with a Physician/Counselor Statement (link provided on D2L) indicating the basis for the missed test within 48 hours after the missed test.

The use of class notes or the text book, computers, cell phones or other electronic devices is prohibited during the tests in this course (including the final).

Test	Relevant chapters	% of final grade	Date
Test #1	Chapters 1 – 4	28%	May 24 th , 2016
Test #2	Chapters 5 – 9	28%	June 16 th , 2016
Final Exam	Cumulative (chapters 1 – 13)	34%	TBD: July 2-4

CogLab Participation (5%):

Throughout the semester you will participate in 15 hands-on cognition experiments that relate to textbook content, the assigned labs will be listed in a document posted on D2L. Seven of the labs will be randomly selected to count towards the CogLab participation grade (7 x 1%). Which of the assigned labs will be selected to count towards your final will NOT be announced in advance.

To complete these experiments, you will access CogLab online by signing in with the access code provided in your textbook bundle and with the group password provided by your instructor. You will complete each experiment no later than midnight on the night of the due date. The Coglab data will be used to demonstrate textbook phenomenon during class, so your data must be valid and must be saved appropriately in order to be included. Failure to complete the experiment by the time specified, or failure to save the data appropriately will result in a score of zero for that experiment. It is the student's responsibility to ensure that the CogLabs are completed and saved by the associated deadline.

Each lab is associated with a different due date. Students can complete the CogLabs whenever they have time, so long as it is before the due date associated with that particular CogLab. Some students like to

participate in all of them early in the semester while others prefer to complete them nearer to the deadline so that the relevant lecture content is presented in a similar time frame.

In-Class Participation using Top Hat Monocle (3% of final grade)

Top Hat Monocle is being used in this class in order to determine prior knowledge on topics, enhance your participation, allow you to assess your mastery of course concepts, and ultimately, to help you engage better with the material. To encourage students to use Top Hat Monocle, 3% of your grade has been assigned to Top Hat participation. To receive participation credit for using Top Hat Monocle, you will have to register online. Information will be provided in class and posted on D2L telling you how to register for the class account in Top Hat Monocle.

Top Hat participation marks will be broken down as follows:

- At least 90% of Top Hat questions answered = 3%
- At least 80% of Top Hat questions answered = 2%
- At least 70% of Top Hat questions answered = 1%
- Fewer than 70% of Top Hat questions answered = 0%

Top Hat questions must be answered by the question deadline, if one is provided, in order to count as having been answered. If you experience difficulty using the response system you may submit your answers in hardcopy at the end of the affected class. On the paper you will need to include your name, your student number, the class number, and the date. It is the student's responsibility to ensure that their responses have been properly submitted and received by the Top Hat Monocle server. Instructions on how to check your participation will be posted on D2L. Please contact the instructor of the course if you miss answering some of the Top Hat questions and have an official University medical excuse for missing class.

Questions will begin the first day of class, however participation will begin to be tracked on **May 12th, 2016.**

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 Schedul

Date	Topic	Readings	Assignments due
M May 9	<i>Spring term lectures begin.</i>		
T May 10	Course overview Introduction to Cognitive Psychology	Course outline Chapter 1	
R May 12	Cognitive Neuroscience	Chapter 2	
F May 13	<i>Last day to change spring registration</i>		
T May 17	Perception	Chapter 3	CogLab 1 & 2 due (Stroop & Visual Search)
R May 19	Attention	Chapter 4	CogLab 3 & 4 due (Phonological Similarity & Partial Report)

T May 24	EXAM #1		
	Short-Term & Working Memory	Chapter 5	CogLab 5 & 6 due (Implicit Learning & Levels of Processing)
May 26-Jun 5	<i>Congress – No Classes</i>		
R May 26	<i>Congress – No Classes</i>		
T May 31	<i>Congress – No Classes</i>		
R June 2	<i>Congress – No Classes</i>		
T June 7	Long-term Memory: Structure	Chapter 6	CogLab 7 & 8 due (False Memory & Remember-Know)
	Long-term Memory: Encoding, Retrieval & Consolidation	Chapter 7	
R June 9	Everyday Memory & Memory Errors	Chapter 8	CogLab 9 & 10 due (Prototypes & Lexical Decision)
T June 14	Knowledge	Chapter 9	CogLab 11 due (Mental Rotation)
R June 16	EXAM #2		
	GUEST LECTURE – Embodied Cognition		
T June 21	Visual Imagery	Chapter 10	CogLab 12 & 13 due (Word Superiority & Neighborhood size)
R June 23	Language	Chapter 11	CogLab 14 & 15 due (Typical Reasoning & Risky Decisions)
T June 28	Problem Solving	Chapter 12	
R June 30	<i>Last Day of Classes</i>	Chapter 13	
	Judgment, Decisions & Reasoning		
July 2-4	<i>Spring Term Registered Final Exams</i>		

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 date. 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 via the Department Office (Admin 255), 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 (2) 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 June 30th, 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 170 and may be contacted at 403-220-5567.

Student Union VP Academic: Phone: 403-220-3911

suypaca@ucalgary.ca

Student Union Faculty Rep.: Phone: 403-220-3913

socialscirep@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** and the last day for registration/change of registration is **May 13, 2016**. The last day to withdraw from this course is **June 30, 2016**.

