

PSYC 365-01
Cognitive Psychology
Spring 2020

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|--------------------|------------------------|---------------------------|----------------|
| Instructor: | Dr. Greta Chan | Lecture Location: | Online |
| Phone: | N/A | Lecture Days/Time: | MW 12-14:45 pm |
| Email: | Ching.chan@ucalgary.ca | Office Hours: | By appointment |
| Office: | N/A | | |

Course Description

Minimally, provide the Calendar description for the course here.

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 | Assessment Methods | PLO(s) | Level(s) |
|---------------------------------------------------------------------------------------------------|--------------------|---------|----------|
| • identify central research questions and debates regarding cognitive processes | • tests/exam | 1, 2 | C, C |
| • interpret experimental results (e.g., main effects & interactions) | • tests/exam | 1, 3, 5 | I, I, I |
| • contrast two theories of how a given cognitive process works | • tests/exam | 2, 3, | C, I |
| • analyze research findings and draw appropriate conclusions about underlying cognitive processes | • tests/exam | 1, 2, 3 | C, C, I |
| • contrast two schools of thoughts | • tests/exam | 1, 2, 4 | C, C |
| • generate new research ideas | • tests/exam | 2, 7 | C, I |

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 and 201 – Principles of Psychology I and II (or equivalent)

Required Text

Matlin, M.W., & Farmer, T. A (2016). *Cognition* (10th ed.). Hoboken, NJ: John Wiley & Sons, Inc. This text provides important background reading for the topics covered in this course. It is available at the University Bookstore.

Students have an option of purchasing a hard copy or an electronic copy from the bookstore.

It is acceptable to use the 9th edition of the text

Assessment Methods

| Method | Topics / Chapters | Format | Duration (minutes) | % of final grade | Date |
|------------|------------------------------------------------|----------------------------|--------------------|------------------|----------|
| Midterm 1 | Introduction Chapter 2 & 3 | MC & short answers | TBA | 35% | W May 20 |
| Midterm 2 | Chapters 4, 5, 6 | MC & short answers | TBA | 30% | W Jun 3 |
| Final exam | Chapters 1, 7, 8, 9, 10, 12, & a special topic | MC, short answers, & essay | TBA | 35% | TBA |

Exam Formats

There will be three parts in each exam. Part 1 will be a closed-book multiple-choice questions section. This section is timed and is scheduled to be written within a 24-hour window of a designated date (see the table above). These questions will be based on lecture notes and assigned readings in the textbook. No outside materials are permitted during the exams. Parts 2 and 3 are open-book short-answer/essay sections. The questions will be posted on D2L at least one week prior to the exam. Students can write the exams at any time and can consult any materials. The deadlines to submit Parts 2 and Part 3 of each exam are 11:59 p.m. of the exam dates (see the last column of the above table). Part 2 will be marked by the TA and part 3 will be marked by the course instructor.

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

Ideally in table format with date of class, topics to be covered, and chapters/readings to be read. Due dates for tests/exams and assignments should be included in this schedule as well.

| Date | Topic/Activity/Readings/Due Date (revise and add columns & rows as necessary) |
|----------|-------------------------------------------------------------------------------------------------------------|
| W May 6 | Spring term lectures begin Introduction: Research Methods & Experimental Designs in Cognitive Psychology |
| M May 11 | Visual Recognition (Ch 2) |
| T May 12 | Last day to drop classes without penalty and last day to add or swap classes. |
| W May 13 | Attention (Ch 3) |
| M May 18 | Victoria Day UNIVERSITY CLOSED |
| W May 20 | Midterm Exam 1 |
| M May 25 | Working Memory (Ch 4) |
| W May 27 | Long-Term Memory (Ch 5) |
| M Jun 1 | Memory Strategies (Ch 6) |
| W Jun 3 | Midterm Exam 2 |
| M Jun 8 | Mental Imagery & Cognitive Maps (Ch 7) |
| W Jun 10 | General Knowledge (Ch 8); Language Comprehension & Bilingualism (Ch 9 & 10) |
| M Jun 15 | Deductive Reasoning & Decision Making (Ch 12) |

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|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| W Jun 17 | Combating fake news and misinformation (special topic not in the textbook); What is cognitive psychology? A Conclusion (Ch 1) End of Spring Lectures and last day to withdraw from a course. |
| F Jun 19 | Start of Spring Final Exams |
| T Jun 23 | End of Spring Final Exams |

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 **June 17, 2020**.

Absence from a Test/Exam

Makeup tests/exams are **NOT** an option without the approval of the instructor. A student may be asked to provide supporting documentation for an exemption/special request for a make-up exam <https://www.ucalgary.ca/pubs/calendar/current/m-1.html> . . Students who miss a test/exam have up to 24 hours to contact the instructor to ask for a makeup test/exam. It's the instructor's discretion if they will allow a make-up exam. Students who do not schedule a makeup test/exam with the instructor within this 24-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. **Once approved by the instructor a makeup test/exam must be written within 1 week 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** <https://www.ucalgary.ca/registrar/exams/deferred-exams>.

Travel During Exams

Consistent with University regulations, students are expected to be available to write scheduled exams at any time during the official June and August 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** <https://www.ucalgary.ca/registrar/exams/deferred-exams>. **Students with an exceptional extenuating circumstance (e.g., a family emergency) should contact the Department of Psychology (psyugrd@ucalgary.ca).**

Reappraisal of Graded Term Work <http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

Reappraisal of Final Grade <http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

Academic Accommodations

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.pdf>.

Academic Misconduct

For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>

Instructor Intellectual Property

Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Copyright Legislation

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Freedom OF Information and Protection of Privacy

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary

Student Support and Resources

<https://www.ucalgary.ca/registrar/registration/course-outlines>

Acknowledgments and Respect for Diversity

Our classrooms view diversity of identity as a strength and resource. Your experiences and different perspectives are encouraged and add to a rich learning environment that fosters critical thought through respectful discussion and inclusion. The Department of Psychology would also like to acknowledge the traditional territories of the people of the Treaty 7 region in southern Alberta. The City of Calgary is also home to Métis Nation of Alberta, Region III.

Important Dates

The last day to drop this course with no “W” notation and **still receive a tuition fee refund is Tuesday, May 12, 2020**. Last day for registration/change of registration is **Tuesday, May 12, 2020**. The last day to withdraw from this course is **Monday, June 17, 2020**.