

PSYO 219: Introduction to Cognition

Lecturer: Megan Udala, Ph.D. Student

Email: megan.udala@ubc.ca

Office Hours: Wednesdays 2:00 – 3:00 pm

Office Location: ART 323

Teaching Assistants (Office hours available by appointment booked through email):

Laura Kabbash

laurakabbash@gmail.com

Maya Pilin

mayapilin@alumni.ubc.ca

Alissa Smith

lissmsmith@hotmail.com

Course Description: A brief introduction to how the mind – your mind and my mind - works from a cognitive perspective. This course in cognitive psychology examines topics such as perception, memory, general knowledge, language, problem solving, and decision-making.

Text: Revlin, R. (2013). *Cognition: Theory and Practice* (1st ed.) with Cognitive Toolkit. New York: Worth Publishing.

Additional readings will be available on Connect.

Option #1 Course Evaluation (No Paper):

- 1) **Midterm Exam #1 (30% of grade).** The exam will cover all material in Part I of the course.
- 2) **Midterm Exam #2 (35% of grade).** The exam will cover all material in Part II of the course.
- 3) **Final Exam (35% of grade).** The final exam will cover all material in Part III of the course. The final exam is not cumulative.

Option # 2 Course Evaluation (Paper):

- 1) **Midterm Exam #1 (25% of grade).** The exam will cover all material in Part I of the course.
- 2) **Midterm Exam #2 (25% of grade).** The exam will cover all material in Part II of the course.
- 3) **Paper (25%).** The paper is optional and will be a literature review of the student's choice.
- 4) **Final Exam (25% of grade).** The final exam will cover all material in Part III of the course. The final exam is not cumulative.

****POTENTIAL TO EARN 2% BONUS IN THIS COURSE FOR PARTICIPATING IN SONA****

The exams will consist of approximately 60 multiple-choice questions.

Missed Exam Policy: Students who miss an exam must provide written documentation (i.e., doctor's note) of the absence to the instructor and must arrange to make up the exam within 1 week of the scheduled write time. Students who do not write the exam within 1 week of the scheduled write time will receive a "0" for the exam.

GRADING RUBRIC

PERCENTAGE (%)	LETTER GRADE
90-100	A+
85-89	A
80-84	A-
76-79	B+
72-75	B
68-71	B-
64-67	C+
60-63	C
55-59	C-
50-54	D
0-49	F

SONA INFORMATION

Research Activity

This course allows for 2% of your final grade to come from SONA participation. As a participant in one of numerous Psychology Department Subject Pool experiments posted at <http://ubco.sona-systems.com/>, you will obtain 0.5% credit for each 0.5 hour of participation at UBCO. Hence, participation requiring a 1-hour time commitment provides a credit of 1%, 1.5 hours provides a credit of 1.5%, and 2 hours provides a credit of 2.0%, etc.

Important Requirements

You may participate in more than one experiment in order to accrue credits. In order to ensure that a variety of research methodologies are experienced, ***at least one [1] of the two credit hours must be earned by participating in online questionnaires and at least one [1] of the remaining credit hours must be fulfilled by participating in the university's on-site studies.*** In the event that you participate in a single listed study offering *more* than three credits for participation, this regulation will be waived. A substantial number of both types of studies are typically hosted on SONA; therefore, you will have many different choices.

Missed Appointments & Penalties

Missed appointments (i.e., failure to cancel the appointment at least 3 hours prior to the session) will be tracked. The consequence will be that you will not receive credit for participation in the experiment and will lose the credit value of the study from possible marks associated with participation in research.

Research Summary Assignment

As an alternative to participating in a Psychology Subject Pool experiment, you may obtain subject pool credit by completing 1 library-writing projects to a satisfactory level. Each library-writing project is worth a total of two credits.

Important Requirements

1. This project consists of reading and summarizing (in written form) a recent, peer-reviewed, primary research article.

- A “recent” article has been published within the past 12 months.

- A “peer reviewed” article is one that has been reviewed by other scholars before it is accepted – for example, it **cannot** be a news item, an article from a popular magazine, a notice, or a letter to the editor.
- A “primary” research article describes an experiment or study where data are collected by the authors. In other words, the article you choose to review **cannot** be a book review, literature review, or summary article.

2. You must choose an article published by one of the following agencies:

- The American Psychological Society - *Psychological Science*, *Current Directions in Psychological Science*, *Psychological Science in the Public Interest*, or *Perspectives on Psychological Science*.
- The American Psychological Association - www.apa.org/journals/by_title.html has a full listing.
- The Canadian Psychological Association - *Canadian Psychology*, *Canadian Journal of Behavioural Science*, or *Canadian Journal of Experimental Psychology*.
- The Psychonomic Society - *Behavior Research Methods, Cognitive, Affective, & Behavioral Neuroscience*, *Learning & Behavior*, *Memory & Cognition*, *Perception & Psychophysics*, or *Psychonomic Bulletin & Review*.

3. Other Assignment Guidelines

The summary should be about 300-500 words in length. The source must be cited and referenced in accordance with the *Publication Manual of the American Psychological Association* (6th ed.). The review will be graded on a pass – fail basis (2% or 0%). At least **14 days before the end of classes** each term, submit the following to the course instructor:

- the article summary
- a copy of the article
- a cover page that specifies your name, student number, email address, and word count of the summary.
- the course title and number

Submitting the assignment 14 days in advance is necessary to ensure that you have an opportunity to make corrections, if required. If you do not check your email frequently, provide a phone number on the cover page.

ACADEMIC INTEGRITY

The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work. Violations of academic integrity (i.e., misconduct) lead to the breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. For example, incidences of plagiarism or cheating may result in a mark of zero on the assignment or exam and more serious consequences may apply if the matter is referred to the President’s Advisory Committee on Student Discipline. Careful records are kept in order to monitor and prevent recurrences.

A more detailed description of academic integrity, including the policies and procedures, may be found at: <http://okanagan.students.ubc.ca/calendar/index.cfm?tree=3,54,111,0>.

If you have any questions about how academic integrity applies to this course, please consult with your professor. A current version of the above integrity statement can be found as a pdf in the following link: <http://web.ubc.ca/okanagan/ikbarberschool/facultystaff/forms.html>.

DISABILITY SERVICES

If you require disability-related accommodations to meet the course objectives, please contact the Coordinator of Disability Resources located in the Student Development and Advising area of the student services building. For more information about Disability Resources or academic accommodations, please visit the website at: <http://web.ubc.ca/okanagan/students/disres/welcome.html>

EQUITY, HUMAN RIGHTS, DISCRIMINATION AND HARASSMENT

UBC Okanagan is a place where every student, staff and faculty member should be able to study and work in an environment that is free from human rights-based discrimination and harassment. UBC prohibits discrimination and harassment on the basis of the following grounds: age, ancestry, colour, family status, marital status, physical or mental disability, place of origin, political belief, race, religion, sex, sexual orientation or unrelated criminal conviction.

If you require assistance related to an issue of equity, discrimination or harassment, please contact the Equity Office, your administrative head of unit, and/or your unit's equity representative.

Unit 4 Equity Representative: [Paul Gabias, paul.gabias@ubc.ca, 250-807-9383]

UBC Okanagan Equity Advisor: ph. 250-807-9291; email equity.ubco@ubc.ca

Web: www.ubc.ca/okanagan/equity

Unit Equity Representative: <http://www.ubc.ca/okanagan/equity/programs/equityreps/unitcontacts.html>

Lecture	Date	Lecture Topic	Readings
1	Sept 6	Introduction	
2	Sept 11	Cognitive Psychology and The Brain	Chapters 1 & 2
3	Sept 13	The Brain	Chapter 2
4	Sept 18	Traumatic Brain Injury	Connect Reading 1
5	Sept 20	Stroke	Connect Reading 2
6	Sept 25	Perception and Attention	Chapter 3
7	Sept 27	What happens when we're intoxicated?	Connect Reading 3
8	Oct 2	Pattern Recognition	Chapter 4
9	Oct 4	Midterm #1	
	Oct 9	CANADIAN THANKSGIVING	
10	Oct 11	Short-Term and Working Memory	Chapter 5
11	Oct 16	Long-Term Memory	Chapter 6
12	Oct 18	What happens when we falsely remember?	Connect Reading 4
13	Oct 23	Knowledge	Chapter 7
14	Oct 25	Neurologist Guest Lecture – Dr. Wile	Connect Reading 5
15	Oct 30	Midterm #2	
16	Nov 1	Consciousness	
17	Nov 6	This is our Brain on Music	Connect Reading 6
18	Nov 8	Solving Problems	Chapter 11
	Nov 13	HOLIDAY IN LIEU OF NOV 11	
19	Nov 15	Atypical Cognitions	
20	Nov 20	Reasoning	Chapter 12
21	Nov 22	Psychiatrist Guest Lecture – Dr. Hanon	Connect Reading 7
22	Nov 27	Decision Making	Chapter 13
23	Nov 29	What happens when we interact with AI?	

****FINAL EXAM TO BE HELD DURING FINAL EXAM PERIOD DEC 4 – DEC 19****