

## PSYO 219: Introduction to Cognition

**Lecturer: Megan Udala, Ph.D. Student**

**Email:** megan.udala@ubc.ca

**Office Hours:** Mondays 2:00 – 3:00 pm

**Office Location:** ART 280L

**Teaching Assistants (Office hours location in ART 280L):**

**Annick Langlois**

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By Appointment

**Ellie Fedec**

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Wednesdays 2:30 – 3:30

**Taylor McCreary**

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Mondays 11:00 – 12:00

**Course Description:** A brief introduction to how the human brain and how it functions. This course in cognitive psychology examines topics such as perception, memory, general knowledge, language, problem solving, and decision-making.

**Text:** No textbook. Readings will be made available on Canvas.

**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 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](http://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* (6<sup>th</sup> 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](mailto:paul.gabias@ubc.ca), 250-807-9383]

UBC Okanagan Equity Advisor: ph. 250-807-9291; email [equity.ubco@ubc.ca](mailto:equity.ubco@ubc.ca)

Web: [www.ubc.ca/okanagan/equity](http://www.ubc.ca/okanagan/equity)

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

## **SEXUAL VIOLENCE PREVENTION AND RESPONSE OFFICE (SVPRO)**

A safe and confidential place for UBC students, staff and faculty who have experienced sexual violence regardless of when or where it took place. Just want to talk? We are here to listen and help you explore your options. We can help you find a safe place to stay, explain your reporting options (UBC or police), accompany you to the hospital, or support you with academic accommodations. You have the right to choose what happens next. We support your decision, whatever you decide. Visit [svpro.ok.ubc.ca](http://svpro.ok.ubc.ca) or call us at 250.807.9640

## **INDEPENDENT INVESTIGATIONS OFFICE (IIO)**

If you or someone you know has experienced sexual assault or some other form of sexual misconduct by a UBC community member and you want the Independent Investigations Office (IIO) at UBC to investigate, please contact the IIO. Investigations are conducted in a trauma informed, confidential and respectful manner in accordance with the principles of procedural fairness.

You can report your experience directly to the IIO via email: [director.of.investigations@ubc.ca](mailto:director.of.investigations@ubc.ca) or by calling 604.827.2060 or online by visiting [investigationsoffice.ubc.ca](http://investigationsoffice.ubc.ca)

Lecture	Date	Lecture Topic	Readings
1	Sept 5	Introduction	
2	Sept 10	The Brain Part I	The Central Nervous System
3	Sept 12	The Brain Part II	The Central Nervous System
4	Sept 17	Aging	Age-Related Cognitive Declines
5	Sept 19	Dementia	Assessment of Dementia
6	Sept 24	Stroke	Stroke
7	Sept 26	Traumatic Brain Injury	Neurobehavioral Sequelae of TBI
8	Oct 1	Intoxication	Neurocognitive Effects of Alcohol
9	Oct 3	<b>Midterm #1</b>	
	Oct 8	<b>CANADIAN THANKSGIVING</b>	
10	Oct 10	Memory Part I	Memory
11	Oct 15	Memory Part II	Memory
12	Oct 17	False Memories	Creating False Memories
13	Oct 22	Knowledge	The Flynn Effect
14	Oct 24	Executive Functioning	Executive Functions
15	Oct 29	Neurological Disorders	
16	Oct 31	Atypical Cognitions	Key Principles of CBT
17	Nov 5	<b>Midterm #2</b>	
18	Nov 7	This is Your Brain on Music	My Favorite Things
	Nov 12	<b>HOLIDAY IN LIEU OF NOV 11</b>	
19	Nov 14	Consciousness	
20	Nov 19	Social Neuroscience	Social Neuroscience
21	Nov 21	Social Neuroscience	Social Cognitive Functioning
22	Nov 26	Solving Problems	Problem Solving
23	Nov 28	Artificial Intelligence	

**\*\*FINAL EXAM TO BE HELD DURING FINAL EXAM PERIOD DEC 3 – DEC 18\*\***