

CGSC 1001 (B): Mysteries of the Mind
Course Outline
Late Summer 2020

Instructor Information

Instructor: Sabrina Burr

E-mail: sabrinadilonardo@cunet.carleton.ca

Class Location/Time: Online, Asynchronous

Office: VSim 5210H

Office hours: Via email/Skype by appointment

Teaching Assistant: TBD

E-mail:

Office Hours: By appointment

Teaching Assistant:

Email:

Office Hours: By appointment

Course Description

The human mind is the most complex thing yet discovered in the universe. Learn about minds in humans, animals, and computers in this fascinating exploration of consciousness, memory, creativity, problem solving, perception, and your own biases. The introductory course will also cover fun topics such as how cognitive science can help you through school, how cognitive science applies to important real-world problems in areas such as law and computer interfaces, and the mind issues raised by popular movies. This course will guide you through the fascinating mysteries, and the solutions found so far, of our inner world.

Readings

Many topics we cover in this course come from the online textbook "[Cognitive Science: An Introduction](https://en.wikibooks.org/wiki/Cognitive_Science:_An_Introduction)," but it is still in progress and incomplete. [https://en.wikibooks.org/wiki/Cognitive_Science: An Introduction](https://en.wikibooks.org/wiki/Cognitive_Science:_An_Introduction)

Course Web Page (cuLearn)

The course website is located at <https://carleton.ca/culearn/>

On this site you will find the course outline, schedule, announcements, marking rubrics, and grades. The site also includes the PowerPoint lecture slides and videos. While these slides are meant to assist your efforts in the course, they are only a starting point for what is presented in the lectures. Material will be covered in lecture that is not included on these slides. In other words, the slides should not be regarded as a substitute for class attendance.

Evaluation

Discussion Posts (10%). You will be asked to write a short discussion post (2-3 sentences) for each topic covered in the lectures. Your discussion should include something interesting you learned or a question you still have about the material. The posts for the topics covered each week will be due on the Sunday of that week. Each post is worth 0.5%.

Quizzes (60%). There will be five multiple-choice quizzes in total. You will have 25 minutes to complete each quiz. You may not communicate with anyone else during the quiz, take screenshots, or record questions in any way. Notes and slides may be used during the quiz, but you won't have much time, so please study. You will have one chance to answer each question and you may not go back to change a previous answer. The quizzes will open on Friday at 6:00am (see lecture schedule below for weeks with quizzes) and will close on Friday at 11:59pm. Your lowest quiz will be dropped. As such, if you miss a quiz there will be no deferral – that quiz will count as your lowest grade quiz. Each quiz will be worth 15% of the final grade.

Presentation (15%). You will each prepare a 10-12 slide PowerPoint presentation on a topic covered in the course. You will not present the slides, but rather you will submit your slides through cuLearn. The presentation should expand on a topic covered in class and make use of one media article or story related to the topic. In addition, the presentation should provide an example(s) to help explain the topic. Only 10-12 slides maximum are allowed. The presentation should be well-organized and visually appealing. In the notes section of the slides put the title of the website/source you retrieved your information

from and the hyperlink. A rubric and example will be available on cuLearn. The presentation will be worth 25% of your final grade. The presentation is due on July 24th, 2020. Grades will be decremented by 10% per day that the presentation is late.

Paper (15%)

You will select, read, and critically comment on a primary-source research article. Papers should be between 850-950 words and expand on a topic covered in class. The paper should follow APA guidelines and be double-spaced in 12pt Times New Roman font. A rubric and detailed instructions will be available on cuLearn. The paper will be worth 25% of your final grade. Because it is due on the last day of the course (August 14th) no extensions or deferrals and no late submissions will be accepted.

Extra Credit (0-4%)

Extra credit is available through participating in an experiment through the Cognitive Science SONA system. Extra credit is assigned in 0.5% units for each 30 minutes of participation, up to a maximum of 4% total. Participation in these activities is optional. For more information about how to participate in ICS experiments, go to the ICS SONA website:

<https://carleton.ca/ics/current-students/undergraduate/participating-in-psychological-research-sona/> If you have questions about SONA, contact MelissaLett@cunet.carleton.ca

Lecture Schedule (to be regarded as tentative)

Week	Lecture Topics	Notes, Activities and Due Dates
Week 1 July 2 nd – 4 th	Introduction	No discussion post needed for this topic
	The fields of cognitive science	
	The cognitive level	Discussion posts due for Week 1
Week 2 July 6 th – 10 th	Paper: Writing and research	No discussion post needed for this topic
	How cognitive science can get you through school	
	Perception	Discussion posts due for Week 2
Week 3 July 13 th – 17 th	Quiz I: Friday July 17 th (Covering weeks 1-3)	
	Dreaming	
	Imagination	
	Consciousness	Discussion posts due for Week 3
Week 4 July 20 th – 24 th	Quiz II: Friday July 24 th (Covering weeks 1-4)	Presentation due July 24th by 11:59pm
	Morality	Guest lecture by Jay Jennings
	Evolutionary psychology	
	Social cognition and the evolution of intelligence	Discussion posts due for Week 4
Week 5 July 27 th – 31 st	Quiz III: Friday July 31 st (Covering weeks 1-5)	July 27th: Last day for article feedback
	Memento	Watch the movie Memento
	Cognitive science in film	
	Cognitive Science Myths	Discussion posts due for Week 5
Week 6 August 3 rd – 7 th	Quiz IV: Friday August 7 th (Covering weeks 1-6)	
	Learning, memory, and representation	
	Language and communication	
	Cognitive development	Discussion posts due for Week 6
Week 7 August 10 th – 14 th	Quiz V: Friday August 14 th (Covering weeks 1-7)	Paper due August 14th by 11:59pm
	Cognitive biases	
	Brain Disorders	
	Cognitive science: history, present, future	
	Cognitive science in the real world	Discussion posts due for Week 7

Regulations and Information Common to all Cognitive Science Courses

REQUESTS FOR ACADEMIC ACCOMMODATION

You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

Pregnancy obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the [Student Guide](#)

Religious obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the [Student Guide](#)

Academic Accommodations for Students with Disabilities: The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the [PMC website](#) for the deadline to request accommodations for the formally-scheduled exam (if applicable).

PETITIONS TO DEFER

Students unable to complete a final term paper or write a final examination because of illness or other circumstances beyond their control or whose performance on an examination has been impaired by such circumstances may apply within five working days to the Registrar's Office for permission to extend a term paper deadline or to write a deferred examination. The request must be fully and specifically supported by a medical certificate or other relevant documentation. Only deferral petitions submitted to the Registrar's Office will be considered.

Survivors of Sexual Violence

As a community, Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and is survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: carleton.ca/sexual-violence-support

Accommodation for Student Activities

Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. <https://carleton.ca/senate/wp-content/uploads/Accommodation-for-Student-Activities-1.pdf>

Plagiarism

The University Senate defines plagiarism as "presenting, whether intentionally or not, the ideas, expression of ideas or work of others as one's own." This can include: reproducing or paraphrasing portions of someone else's published or unpublished material, regardless of the source, and presenting these as one's own without proper citation or reference to the original source; ¶ submitting a take-home examination, essay, laboratory report or other assignment written, in whole or in part, by someone else; ¶ using ideas or direct, verbatim quotations, or paraphrased material, concepts, or ideas without appropriate acknowledgment in any academic assignment; ¶ using another's data or research findings; ¶ failing to acknowledge sources through the use of proper citations when using another's works and/or failing to use quotation marks; ¶ handing in "substantially the same piece of work for academic credit more than once without prior written permission of the course instructor in which the submission occurs."

Plagiarism is a serious offence that cannot be resolved directly by the course's instructor. The Associate Dean of the Faculty conducts a rigorous investigation, including an interview with the student, when an instructor suspects a piece of work has been plagiarized. Penalties are not trivial. They can include a final grade of "F" for the course.

Important Information

- Students must always retain a hard copy of all work that is submitted.

- All final grades are subject to the Dean's approval.
 - For us to respond to your emails, we need to see your full name, CU ID, and the email must be written from your valid CARLETON address. Therefore, in order to respond to your inquiries, please send all email from your Carleton CMail account. If you do not have or have yet to activate this account, you may wish to do so by visiting <http://carleton.ca/ccs/students/>
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GRADING SYSTEM

Letter grades assigned in this course will have the following percentage equivalents:

A+ = 90-100	B = 73-76	C - = 60-62	F = Failure. No academic record
A = 85-89	B - = 70-72	D+ = 57-59	ABS = Absent from the final examination
A - = 80-84	C+ = 67-69	D = 53-56	DEF = Official deferral (see "Petitions to Defer")
B+ = 77-79	C = 63-66	D - = 50-52	FND = "Failed, no Deferral"

Standing in a course is determined by the course instructor, subject to the approval of the Chair and Faculty Dean.

ICS RESOURCES (613-520-2600, phone ext. 2522)

Department of Cognitive Science (2522)	2221 DT (Dunton Tower)
Registrar's Office (3500)	300 Tory
Student Academic and Career Development Services (7850)	302 Tory
Paul Menton Centre (6608)	501 University Centre
Writing Tutorial Service (1125)	4 th fl Library
Learning Support Services (1125)	4 th fl Library

Academic Advising

Visit the Cognitive Science Undergraduate Office, DT 2221 to discuss your program. Advisors can answer questions concerning:

- Course selection and meeting program requirements
- Your audit and transfer credits
- Gaining access to courses that are closed
- Information concerning prerequisites and preclusions
- Course equivalencies and substitutions
- Information about whether to pursue the (Honours Project Course) or the Thesis stream and CGPA requirements
- Community Practicum Course
- Concentrations
- Exchanges and course selection