

Department of Cognitive Science Course Outlines

COURSE:	Cognitive Processes CGSC3201A
TERM:	Fall 2024
PRECLUSIONS/ PREREQUISITES:	Third year standing, and CGSC 2001 or PSYC 2700
INSTRUCTOR:	Website: https://brightspace.carleton.ca/d2l/home/287913 Ahmad Sohrabi
CONTACT:	Office: DT 2214 Office Hrs.: Tuesday & Thursday 5:30PM-6:00PM or by appointment Telephone: 613-890-2537 Email: ahmadsohrabi@cunet.carleton.ca

I. Course Description

We explore a wide range of main topics on cognitive processes. For each domain we review some classic experiments and update our knowledge with state of the art studies in recent years. Also, along description of the topics we will be using online tools to demonstrate how famous paradigms are designed and interpreted. Moreover, various media and tutorial web contents will be considered.

II. Learning Outcomes

All students can acquire a satisfactory level of domain knowledge related to main cognitive processes and the corresponding applied areas.

III. Texts & Course Materials

There are no mandatory texts for this course, as all required reading materials will be provided and updated weekly on the course website.

IV. Course Calendar*

• Week 1: Introduction	Sep 5, 2024
• Week 2: Perception and Representation	Sep 10 & 12, 2024
• Week 3: Attentional Bias	Sep 17 & 19, 2024
• Week 4: Attentional Control	Sep 24 & 26, 2024
• Week 5: Memory and Learning	Oct 1 & 3, 2024
• Week 6: Decision Making	Oct 8 & 10, 2024
• Week 7: Problem Solving and Creativity	Oct 15 & 17, 2024
Oct 21-25: Fall Break - no classes	
• Week 8: Objective Reasoning	Oct 29 & 31, 2024
• Week 9: Abstract Reasoning	Nov 5 & 7, 2024
• Week 10: Consciousness	Nov 12 & 14, 2024
• Week 11: Self-awareness	Nov 19 & 21, 2024
• Week 12: Theory of Mind	Nov 26 & 28, 2024
• Week 13: Interactive Minds	Dec 3 & 5, 2024

* Please refer to the Academic Year included in the online [Undergraduate](#) calendar to review all statutory holidays, important university dates and other university holidays prior to creating your course outline.

V. Evaluation

Mid-term and final Exams will be multiple-choice from course materials on the website and lecture notes. The exams are not cumulative. The topics and methods for the assignments and the project will be provided on time. If a midterm or other main evaluation units are missed, the Department does not support the reweighting of exams (e.g., offering an exam that is worth 100% of the final grade).

Item	Modality	Weight of Grade	Due date
Attendance and Participations	In-Person	15%	Every session
Assignments	Online	10%	Mondays
Project (abstract, presentation, report)	In-Person & Online	15%	TBA
Mid-term Exam (25 mins)-in class	Digital In-Person	25%	October 15
Final Exam (35 mins)-in class	Digital In-Person	35%	December 5

Statement on Academic Integrity

Carleton's [Academic Integrity Policy](#):

- a. Permissibility of submitting **substantially the same piece of work** more than once for academic credit.
 - Although this is not a violation of the Academic Integrity Policy, you may prohibit students from re-using their own work from a different course/assignment, require students to cite such work, or to seek your permission before doing so.
- b. The use of **generative artificial intelligence tools (e.g. ChatGPT)**:
 - Any use of generative AI tools to produce assessed content is considered a violation of academic integrity standards unless it is used as a tool to improve writing, media, and other materials with proper references.

c. "The University Academic Integrity Policy defines plagiarism as *"presenting, whether intentionally or not, the ideas, expression of ideas or work of others as one's own."* This includes 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. Examples of sources from which the ideas, expressions of ideas or works of others may be drawn from include but are not limited to books, articles, papers, literary compositions and phrases, performance compositions, chemical compounds, artworks, laboratory reports, research results, calculations and the results of calculations, diagrams, constructions, computer reports, computer code/software, material on the internet and/or conversations.

Examples of plagiarism include, but are not limited to:

- any submission prepared in whole or in part, by someone else, including the unauthorized use of generative AI tools (e.g., ChatGPT)
- using ideas or direct, verbatim quotations, paraphrased material, algorithms, formulae, scientific or mathematical concepts, or ideas without appropriate acknowledgment in any academic assignment
- using another's data or research findings without appropriate acknowledgement
- submitting a computer program developed in whole or in part by someone else, with or without modifications, as one's own
- failing to acknowledge sources with proper citations when using another's work and/or failing to use quotations marks."

Plagiarism is a serious offence that cannot be resolved directly by the course's instructor.

The Associate Dean of the Faculty follows a rigorous [process for academic integrity allegations](#), including reviewing documents and interviewing the student, when an instructor suspects a violation has been committed. Penalties for violations may include a final grade of "F" for the course.

d. Policy on Late Assignments

- Is strongly recommended that you submit the document prior to the last few minutes before the deadline. A doctor's note or other medical documentation must be provided within two working days after the due date in order to avoid late penalties.

e. Grades:

In accordance with the Carleton University Undergraduate Calendar (p 34), the letter grades assigned in this course will have the following percentage equivalents:

A+ = 90-100	B+ = 77-79	C+ = 67-69	D+ = 57-59
A = 85-89	B = 73-76	C = 63-66	D = 53-56
A- = 80-84	B- = 70-72	C- = 60-62	D- = 50-52
F = Below 50			

Grades entered by Registrar:

WDN = Withdrawn from the course

DEF = Deferred

Academic Accommodations

'Carleton is committed to providing academic accessibility for all individuals. You may need special arrangements to meet your academic obligations during the term. The accommodation request processes, including information about the *Academic Consideration Policy for Students in Medical and Other Extenuating Circumstances*, are outlined on the Academic Accommodations website (students.carleton.ca/course-outline).'

- If you require supporting documentation for short-term considerations, you may only request the [Academic Consideration for Coursework form](#).

Statement on Student Mental Health

“As a student you may experience a range of mental health challenges that significantly impact your academic success and overall well-being. If you need help, please speak to someone. There are numerous resources available both on- and off-campus to support you. For more information, please consult <https://wellness.carleton.ca/>”

Other Statements:

a. Student experience questionnaires:

All students are expected to participate in student experience questionnaires.

b. Sexual violence policy:

Sexual violence is prohibited.

Other Resources:

Emergency Resources ([on and off campus](#))

- Suicide Crisis Helpline: call or text 9-8-8, 24 hours a day, 7 days a week.
- For immediate danger or urgent medical support: call 9-1-1

Carleton Resources

- Mental Health and Wellbeing: <https://carleton.ca/wellness/>
- Health & Counselling Services: <https://carleton.ca/health/>
- Paul Menton Centre: <https://carleton.ca/pmc/>
- Academic Advising Centre (AAC): <https://carleton.ca/academicadvising/>
- Centre for Student Academic Support (CSAS): <https://carleton.ca/csas/>
- Equity & Inclusivity Communities: <https://carleton.ca/equity/>

Off Campus Resources

- Distress Centre of Ottawa and Region: call 613-238-3311, text 343-306-5550, or connect online at <https://www.dcottawa.on.ca/>
- Mental Health Crisis Service: call 613-722-6914 or toll-free 1-866-996-0991, or connect online at <http://www.crisisline.ca/>
- Empower Me Counselling Service: call 1-844-741-6389 or connect online at <https://students.carleton.ca/services/empower-me-counselling-services/>
- Good2Talk: call 1-866-925-5454 or connect online at <https://good2talk.ca/>
- The Walk-In Counselling Clinic: for online or on-site service <https://walkincounselling.com>