

## CGSC2001 A: THEORIES IN COGNITIVE SCIENCE [0.5 CREDIT]

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### DESCRIPTION

An integrated background of the discipline of cognitive science, with an historical overview (1940's onward) and examination of the extent to which the discipline has assimilated the collective knowledge of contributing disciplines (e.g., psychology, philosophy, linguistics, artificial intelligence and neuroscience). Prerequisite(s): second-year standing and FYSM 1607 or CGSC 1001, or permission of the department.

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### OTHER INFO

You will need access to a computer and the internet. You are expected to complete the online midterms on the day they are scheduled as well as submit the final essay on its scheduled due date. You will not have a chance to re-write any assignments (barring exceptional circumstances). Late final essays receive 5% deduction per calendar day. If you cannot submit the final on time, **it is your responsibility to seek a deferral through the registrar**. This can be done easily online. I cannot grant you a deferral for your final. If you are having any difficulties with coursework and content, I strongly encourage you to setup an appointment with me or a TAs.

CULearn will be used for access to the course syllabus, slides, grades, announcements, and discussions board. You are given the opportunity to discuss course material with your peers and the TAs using the discussion board.

Please make sure you buy the 3<sup>rd</sup> edition of the course text (see below).

I reserve the right to make any changes to accommodate class progress. Changes do not add additional workload.

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### TEXTS

Cognitive Science: An Introduction to the Study of Mind (2016). 3<sup>rd</sup> edition. Friedenber and Silverman. Sage Publications.

Available online (amazon, google books, etc.) and Carleton University Bookstore.

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### COURSE EVALUATION

The course grade will be based on the following elements:

Midterm 1	30%
Midterm 2	30%
Essay	40%

**MIDTERMS:** Midterm 1 and 2 consist of multiple choice and true/false questions. The midterms test students on all material prior to each of them (thus, midterm 2 will be cumulative).

**ESSAY:** Due last day of take-home exams. Students will be given the option to answer one of five questions. The assignment is an exposition and critique. Length: 6-8 pages double-spaced. Times New Roman 12pt Font. Formatted in APA. See Purdue

Online Writing Lab ([https://owl.purdue.edu/owl/purdue\\_owl.html](https://owl.purdue.edu/owl/purdue_owl.html)) for questions related to formatting. A rubric for the essay is available on CuLearn.

## Schedule

	<b>Theme</b>	<b>Assignment</b>
<b>1</b>	Intro	
<b>2</b>	Philosophical approach	
<b>3</b>	Psychological approach	
<b>4</b>	Cognitive approach I & II	
<b>5</b>	Review I	<b>Midterm 1, Oct. 9</b>
<b>6</b>	Neuroscience approach	
<b>7</b>	Evolutionary approach	
<b>8</b>	Linguistic approach	
<b>9</b>	Intelligent Agents & Robotics approach	
<b>10</b>	Review II	<b>Midterm 2, Nov 27</b>
<b>11</b>	Social approach	
<b>12</b>	Emotional approach	
<b>13</b>	Concluding remarks	
<b>14</b>		<b>Final, Dec. 23</b>

**CARLETON 2020/2021 CALENDAR (IMPORTANT DATES):**

<https://carleton.ca/registrar/registration/dates-and-deadlines/>

## Additional Information

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 Regulations, Accommodations, Etc.

University rules regarding registration, withdrawal, appealing marks, and most anything else you might need to know can be found on the university's website, here:

### *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 an accommodation from PMC, meet with me to ensure accommodations arrangements are made. Please consult the PMC website for the deadlines to request accommodations for the formally - scheduled exam (if applicable).

## 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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**For a list of dates and deadlines, including holidays and exam dates, please visit:**

<https://carleton.ca/registrar/registration/dates-and-deadlines/>