



Course Outline – Cognitive Psychology

School of Psychology

In the event of a COVID-19 resurgence during the course that necessitates the course moving away from in-person delivery, course content may be delivered online either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL for students to view at their convenience). There may also be changes to any remaining assessments at the discretion of the course instructor. In the event of a COVID-19 resurgence, detailed information about the impact on this course will be communicated by the Office of the Dean and by the course instructor.

General Information

Course #: Psych 2135A
Section #: 530
Term: Fall
Year: 2022-23
Delivery: In person
Course Day and Time: Mondays 11:30AM – 2:30PM
Course Location: BR-202

Instructor Information

Name: Dr. John Campbell
E-mail: jcampb7@uwo.ca
Telephone number for office appointments: TBA
Office hours: In person, TBA
Office location: TBA

Course Description

An introduction to empirical, computational, and theoretical approaches to the study of human cognitive processes. The topics surveyed will include: perception, attention, memory, concepts, language and problem-solving. The course will show how these diverse psychological processes are related to and influence one another.

Antirequisite(s): [Psychology 2010A/B](#), [Psychology 2180E](#).

Prerequisite(s): A mark of at least 60% in 1.0 credits of Psychology at the 1000 level.

Extra Information: 3 lecture hours.

Course Weight: 0.50

Required Course Materials

Galotti, K. M., Fernandes, M. A., Fugelsang, J., & Stolz, J. A. (2020). *Cognitive Psychology: In and Out of the Laboratory, Second Canadian Edition*. Toronto: Nelson.

Learning Outcomes

By the end of this course, students should be able to:

1. Demonstrate knowledge of the methods used to investigate cognitive processes by researchers in psychology
2. Explain how experimental methods in cognitive psychology can be used to infer mental processing
3. Relate individual cognitive processes to each other and the broader function of thinking
4. Apply basic research findings in cognitive psychology to everyday life

Brescia Competencies

Brescia's competencies will be developed via lecture materials and videos as well as in person demonstrations and discussions.

- Demonstrate knowledge of the methods used to investigate cognitive processes by researchers in psychology (***Brescia Competencies: critical thinking; inquiry and analysis; communication***)
- Explain how experimental methods in cognitive psychology can be used to infer mental processing. (***Brescia Competencies: critical thinking; inquiry and analysis***)
- Relate individual cognitive processes to each other and the broader function of thinking (***Brescia Competencies: critical thinking; inquiry and analysis; problem solving***)
- Apply basic research findings in cognitive psychology to everyday life (***Brescia Competencies: critical thinking; inquiry and analysis; communication***)

Teaching Methodology and Expectations of Students

Lectures will be in person once a week (Tuesdays) and students will also be asked to participate in in class discussions. These in class discussions will be used to determine student's participation marks.

In order to make the most of this learning experience for yourself and your fellow students, PLEASE

- Turn off cell phones.
- Refrain from speaking to a neighbour during class time (unless invited to do so by the instructor), especially if someone (either the instructor or a fellow class member) is speaking to the class. These activities can be very distracting to your fellow students and to the instructor.

Copyright and Intellectual Property

PowerPoint lecture slides and notes, lists of readings, in-class activities, assignment guidelines, and other components of the course materials are typically the intellectual property of the instructor. Unauthorized reproduction through audio-recording, video-recording, photographing, sharing on social media, or posting on course-sharing websites is an infringement of copyright and is prohibited. Such action may be considered a Code of Conduct violation and lead to sanctions.

Evaluation

The exams are not cumulative and will consist of multiple-choice questions drawn from material in the text and lectures and done online. Exams 1 and 2 will be 1.5 hours in length. Exam 3 will be 2 hours long but will take place during the April exam period. Note that some chapters are not listed on the schedule below, and you will not be responsible for the material in them.

Also note that make-up exams may consist, in part or exclusively, of essay, short-answer, fill-in-the-blank, and/or multiple-choice items.

Evaluation Breakdown:

Component	Weight	Date/ Deadline	Learning Outcomes	Brescia Competencies
Midterm Exam #1	25%	Oct 10	1 & 2	critical thinking; inquiry and analysis; problem solving
Midterm Exam #2	25%	Nov 7	1 & 2	critical thinking; inquiry and analysis; problem solving
In class Participation	20%		1, 3 & 4	critical thinking; inquiry and analysis; problem solving; communication
Final Exam	30%	December Exam Period	1 & 2	critical thinking; inquiry and

				analysis; problem solving
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Academic Accommodation

For course components worth 10% or more of the total course grade, please see the Academic Policies and Regulations section at the end of this course outline or consult the Academic Calendar.

For course components worth less than 10% of the total course grade, documentation is not required. Whenever possible students should provide notification in advance of due dates or absence. If advance notification is not possible, the course instructor should be contacted within two business days.

Course Content

- An overview of the basics of Cognitive Psychology will be covered early on in this course. Once established, various topics within the field of Cognitive Psychology will be covered in depth, such as Memory, Language, and Decision making. We will also discuss the connections of Cognitive Psychology to other areas of Psychological Research.

Weekly Organizer:

Class/Week	Date	Description	Assignments and/or Readings Due
		e.g., topic, content, associated readings, activities.	e.g., quiz, paper, group project, exam.
1	Sep 12	Introduction	1
2	Sep 19	Cognitive Neuroscience	2
3	Sep 26	Sensation and Perception	3
4	Oct 3	Object perception/Pattern	4
5	Oct 10	Midterm #1	Chapters 1 - 4
6	Oct 17	Memory	5
7	Oct 24	Memory	6
8	Oct 31	Reading Week	
9	Nov 7	Concepts & Categories	7
10	Nov 14	Midterm #2	Chapters 5 - 7
11	Nov 21	Language	8
12	Nov 28	Decision Making & Thinking	9, 10
13	Dec 5	Reasoning	11

It is recommended that variations in schedules, e.g., due to holidays and reading week, be indicated