

Syllabus

PSYC 2530 – Introduction to Cognitive Psychology

Fall 2021

Section: MW12

Location: online (Blackboard Collaborate Ultra)

Time: 12:50 PM - 2:05PM MW

Office Hours: 2:05pm - 3pm MW (zoom link posted on Blackboard)

Instructor: Matthew Crump, mcrump@brooklyn.cuny.edu

Course Description

PSYC 2530 Introduction to Cognitive Psychology

3 hours; 3 credits

This course will provide an introductory overview of basic concepts in cognitive psychology such as memory, attention, perception, problem solving, decision-making, language and imagery. Experimental findings and proposed models will be discussed for each topic.

Course objectives: develop the following skills in relation to content learning objectives in 2530:

- **GOAL:** Exposure to breadth of theory and data across major domains of cognition (listed above).
 - **LEARNING OUTCOME:** Students will demonstrate ability to identify and describe domain-specific theories and phenomena
- **GOAL:** Understanding deduction from theory, which requires an understanding of the assumptions of a theory and how they combine to force a clear prediction.
 - **LEARNING OUTCOME:** Students will demonstrate the ability to describe in written format the assumptions of a domain-specific theory along to show how the theory demands a prediction.
- **GOAL:** Understanding experimental design.
 - **LEARNING OUTCOME:** Students will demonstrate working knowledge of the elements of particular experimental designs that create opportunity to test a theoretical idea
- **GOAL:** Understanding patterns in data
 - **LEARNING OUTCOME:** Students will demonstrate the ability to interpret tables and figures, including the pattern for how a dependent measure changes across the levels/conditions of the independent variable
- **GOAL:** Understanding inference from results to theory
 - **LEARNING OUTCOME:** Students will demonstrate the ability to form an inference about an observed result, and display the ability to evaluate whether or not a result conforms to a prediction made by a theory in cognitive psychology

Course Materials

All of the course materials will be available in a timely fashion on this course website and/or blackboard. The course website contains links to the textbook, and slides.

Link to the course website: <https://www.crumplab.com/cognition/>

Link to the textbook: <https://www.crumplab.com/cognition/textbook/>

Course Structure

We are scheduled to have synchronous online meetings on a weekly basis. Classes will be conducted online using Blackboard Collaborate Ultra. Links to each class meeting will be posted on Blackboard. These meetings may be recorded, and if so the recordings will also be posted on Blackboard for your review.

Each week class time will involve a lecture and other class activities. Readings corresponding to chapters in the textbook, and occasionally primary research articles will be assigned each week. The schedule of lectures, with links to readings, quizzes and exams is listed below.

Week	Date	Lecture Topic	Quizzes	Exams
1	W 8/25/21	Getting started		
2	M 8/30/21	What is Cognition?	Quiz 1	
	W 9/1/21	Mental Imagery		
3	M 9/6/21	NO CLASS		
	W 9/8/21	NO CLASS		
4	M 9/13/21	Eugenics and Psychology		
	W 9/15/21	NO CLASS		
5	M 9/20/21	Intelligence Testing	Quiz 2	
	W 9/22/21	Associations		
6	M 9/27/21	Associations	Quiz 3	
	W 9/29/21	Behaviorism		
7	M 10/4/21	Information Processing	Quiz 4	
	W 10/6/21	Information Processing		
8	M 10/11/21	NO CLASS		
	W 10/13/21	Midterm I		Midterm I
9	M 10/18/21	Memory I	Quiz 5	
	W 10/20/21	Memory I		
10	M 10/25/21	Memory II	Quiz 6	
	W 10/27/21	Memory II		
11	M 11/1/21	Implicit Cognition	Quiz 7	
	W 11/3/21	Implicit Cognition		
12	M 11/8/21	Attention and Working Memory	Quiz 8	
	W 11/10/21	Attention and Working Memory		
13	M 11/15/21	Midterm II		Midterm II
	W 11/17/21	Computational Modeling		
14	M 11/22/21	Computational Modeling	Quiz 9	
	W 11/24/21	Language and Semantic Cognition		
15	M 11/29/21	Language and Semantic Cognition	Quiz 10	
	W 12/1/21	Judgment and Decision Making		
16	M 12/6/21	Judgment and Decision Making	Quiz 11	
	W 12/8/21	Cognitive Technology		
17	M 12/13/21	Cognitive Technology		
	T 12/14/21	READING DAY		
	W 12/15/21	FINAL EXAM (1-3pm)		FINAL

Course Assessments

Course assessments include quizzes, alternative assignments, and exams.

Throughout the semester there are 11 weekly quizzes. Quizzes are posted and completed on Blackboard. Quizzes will test knowledge of concepts and content from the weekly lectures, and prepare students for each of the exams. Each quiz is worth 5 points toward the final grade, for a maximum of 55 points.

Some weeks will include alternative assignments, to be posted on blackboard. Alternative assignments will

typically involve writing, and may involve group work during class. In general, alternative assignments will be graded pass/fail. Alternative assignments are worth 5 points. Alternative assignments can be added to the quiz points, up to a maximum of 55 points. For example, if you took all of the quizzes and recieved a total of 40 points, then you could make up the remainder of the quiz points by completing alternative assignments.

There are three exams, two midterms and a final exam. All exams are worth 15 points, for a total of 45 points toward the final grade. The exam format will be similar to the quizzes, as a result taking the quizzes is practice for the exams.

Grading

There are 11 weekly quizzes, two midterms and a final exam. The grading rubric is below:

Assignment	Points	Total
11 Weekly Quizzes	5	55
Midterm 1	15	15
Midterm 2	15	15
Final Exam	15	15
		100

Lateness and attendance

Each of the assignments, quizzes, and exams will be posted with an associated due date. A quiz or alternative assignment will typically be open for a week-long period, and the work is expected to be completed within the assigned time frame. Late assignments may not be graded.

Students are expected to attend all class sessions, and attendance is logged via Blackboard.

Changes to the syllabus

The syllabus may be updated for clarity or to make adjustments for pedagogical purposes. The most current version of the syllabus is always available from the course website.

University's policy on Academic Integrity

The faculty and administration of Brooklyn College support an environment free from cheating and plagiarism. Each student is responsible for being aware of what constitutes cheating and plagiarism and for avoiding both. The complete text of the CUNY Academic Integrity Policy and the Brooklyn College procedure for policy implementation can be found at <http://www.brooklyn.cuny.edu/bc/policies>. If a faculty member suspects a violation of academic integrity and, upon investigation, confirms that violation, or if the student admits the violation, the faculty member MUST report the violation. Students should be aware that faculty may use plagiarism detection software.

Missing an Exam or class

Students are expected to attend all classes. In the event of an emergency, contact me as soon as possible. If you are missing a class for religious reasons refer to the state law regarding non-attendance because of religious beliefs noted in the front matter of the Undergraduate Bulletin and Graduate Bulletin. These may be found on the Academic Calendars, Course Schedules, and Bulletins page of the Registrar's website. See also the student bereavement policy at <http://www.brooklyn.cuny.edu/web/about/initiatives/policies/bereavement.php>.

Accessibility

It is important to me that the course be accessible to all students. In order to receive disability-related academic accommodations students must first be registered with the Center for Student Disability Services. Students who have a documented disability or suspect they may have a disability are invited to set up an appointment with the Director of the Center for Student Disability Services, at 718-951-5538. If you have already registered with the Center for Student Disability Services please provide your professor with the course accommodation form and discuss your specific accommodation with him/her.

Email Correspondence

I will regularly use e-mail via blackboard to send out announcements, changes in the syllabus, reminders about tests or due dates etc. It is your responsibility to check e-mail regularly to keep up-to-date with these announcements. I will use the e-mail address you have listed with the College. Therefore, please make sure that this is indeed the correct address.

General Help with Research and Writing The Library maintains a collection of links to sites that can assist you with proper citation format and paraphrasing and quoting other authors at Research & Writing Help. The Learning Center has writing tutors available to help you with your writing <http://lc.brooklyn.cuny.edu/>.

The best learning is done in conversation with others, whether they are people—classmates, teachers, friends—or texts—books, articles, essays, poems, films etc. It should not be a solitary process. However, the assignments that you hand in for this course must be done on your own, should represent your own thinking, and should be original work that you have done for this particular course. A good way to balance these two seemingly contradictory approaches (collaborative learning and original individually-produced work) without knowingly—or, even unwittingly—resorting to plagiarism or other forms of academic misconduct is to learn and meticulously observe the rules for citing the work of others (this could be the great point your roommate made that you used in your paper, it could be a well-turned phrase from an academic essay, or it could be anything in between). It is your responsibility to learn what constitutes plagiarism and the correct rules for citing sources—read the information on the following website carefully: <http://www.brooklyn.cuny.edu/bc/policies/>. The bottom line is: passing off anyone's words or ideas as your own for any reason whatsoever is plagiarism.