Psychology 200-002: Cognitive Psychology Fall Semester 2023
Mondays and Wednesdays, 12:40-2:00 pm – Psychology Building 118
Online information: D2L course FS23-PSY-200-002 Cognitive Psychology

Instructors: Jan Brascamp (course instructor; brascamp@msu.edu), Bing Mo (graduate TA; mobingxi@msu.edu), Allison Hornung (undergraduate TAs; hornunga@msu.edu), and Ava Skaff (undergraduate TAs; skaffava@msu.edu).

Course description and objectives: This course is an introduction to the field of cognitive psychology and will provide an overview of the major theories, findings and methods of the cognitive approach. Cognitive psychology views the mind as an information processing system and attempts to discover and explain the mental processes underlying perception, attention, memory, language, thinking, and decision making. The course will also introduce a number of different methods that are used to investigate brain processes and their functions. At the end of the course, you should be familiar with the main theories, methods, and findings of cognitive psychology.

Prerequisite: PSY 101.

Online or in-person? This is an in-person course. This means that lectures will be in person, and exams will be in person as well. No lecture videos will be posted online, but nevertheless this course will offer a substantial proportion of its content via the internet. Namely, all lecture slides (but no lecture videos) will be posted on D2L ahead of lectures, and a study guide will be posted ahead of each exam. Also, as part of this course you will be completing cognitive psychology experiments in your browser. Please see below for details on each of these points.

Communication: Aside from communication inside the classroom, almost all communication for this course will run through the D2L course page: look for *FS23-PSY-200-002 Cognitive Psychology*. You will need to make sure you receive D2L emails (see next section), and you will find yourself logging into D2L frequently throughout the semester.

D2L email: Important course information will be sent to you via D2L email, so make sure you don't miss D2L emails. The best way, which I recommend, is to set up D2L to forward D2L emails to your regular inbox (if you haven't done this at some point already). That way you won't miss important announcements. To set up D2L email forwarding please log onto D2L and navigate to Help > MSU Documentation > D2L Tools and Tips at MSU > D2L Email Forwarding. You can also view your D2L emails in the D2L interface itself rather than in your normal inbox. To do this please navigate to the email interface in D2L, and make sure the 'Filter By:' field is set to 'All Messages'. Without that filter setting important emails may not show. Did I mention that important information for this course will be sent to you via D2L email?

Getting help, and online office hours: For questions that have a short answer and that are not about the Sona system, you can come talk to us after class or send an email to one of the course instructors. But: we do not manage the Sona system so for questions about Sona please see the next section. For questions that require more interaction, please visit one of the office hours listed in the table below.

Time and day	Instructor in attendance	Address to send email to for zoom link
By appointment	Jan Brascamp	brascamp@msu.edu
By appointment	Bing Mo	mobingxi@msu.edu

TBA	One of the undergraduate TAs	hornunga@msu.edu, skaffava@msu.edu

Questions about Sona: The Sona system is a department-wide system, and the instructors of this particular course don't know all of its details. So for questions about research participation / the Sona system, please contact the Research Participation Coordinator: Ms. Audra Jeffrey. Her email address is jeffre22@msu.edu.

Recommended text and assigned reading: The recommended text is *Cognitive Psychology: Connecting Mind, Research, and Everyday Experience* by E. Bruce Goldstein. Both the 4th and 5th edition are suitable. The text is not required, and the exams are only about material that came up during the lectures. If you do decide to use the book, then it is a good idea to keep up with reading at the pace indicated in the course schedule below, because the recommended reading will match the material of the associated lectures.

Credit from exams: There will be three multiple choice exams: two midterms and a non-cumulative final exam. Each exam will consist of 52 multiple choice questions about material that has been discussed in lectures since the previous exam. Each exam counts for 26% of your final grade, except for your best exam: that one counts for 30%. Everything that is discussed in lectures and/or shown on the lecture slides may be part of an exam. Material from the textbook that did not feature in lectures will not be part of the exam.

Credit from online experiments: 10% of the credit for this course can be earned by completing cognitive psychology experiments in an internet browser, and submitting your experiment results on time, along with answers related to your experiment results. Details about the online experiments will be provided during the first lecture, as well as via documentation on the course page on D2L.

Credit from subject pool participation (HPR/Sona): 5% of your total grade for this course comes from participation in the subject pool, which is coordinated through the Psychology department's Sona system. This is equivalent to 5 hours of research participation. Please make sure you participate before the final deadline for Sona participation, which is the Friday before MSU's exam week. Details for how to create your Sona account are available in the document *Class SONA Instructions_FS2023.pdf* in the folder *Practical matters* on D2L. For all questions about research participation, please contact the Research Participation Coordinator (Ms. Audra Jeffrey; jeffre22@msu.edu). Here are two further pointers. First, be careful because some experiments posted on Sona compensate with money, not course credit. Second, be sure to sign up for the Psychology department's Sona system; some other departments have their own Sona system but participation in those systems doesn't count for Psychology courses.

Credit from attendance: There will be attendance credit: you can earn both regular credit and extra credit by attending the lectures. Attending 60% of the lectures earns you 3% of your final grade, which is all the regular credit you can earn through attendance. Any lectures that you attend over 60%, will earn you extra credit. The maximum amount of credit you can earn through attendance is 5%, namely 3% regular credit plus 2% extra credit, earned by attending each lecture. If you attend less than 100% of the lectures, then credit will be assigned in proportion. (Aside from credit, it is generally a good idea to attend the lectures because everything that is discussed in the lectures may be part of an exam. The lectures will present some topics in a different way than the textbook and the lectures will also include material that is not covered by the textbook.)

Extra credit: This course has a total of 2% of extra course credit that you can earn by attending lectures. Please see section 'Attendance' for details.

Subject Pool Participation (HPR/Sona) alternative assignment: If you are under 18 years old and therefore cannot participate in research, you can perform an alternative assignment. Information on this alternative

assignment can be found in the document *Class SONA Instructions_FS2023.pdf* in the folder *Practical matters* on D2L, and for further details please contact the Research Participation Coordinator (Ms. Audra Jeffrey; jeffre22@msu.edu).

Exam times, and requesting alternatives: The times and dates for exams and quizzes are listed in the table labeled 'Test Schedule' below. If you have a good reason why you cannot take an exam or quiz at the assigned time, please send an email to the graduate TA, Bing Mo, identifying the issue. The email address is listed near the top of this document. For valid requests that come in before the exam/quiz time, we can reschedule the day and/or time for you. Please be sure to review your availability right now: if you miss an exam or quiz and contact the TA after the assigned time has already passed, then there is little we can do to help.

Accommodations for Students with Disabilities: Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities at 517-884-RCPD or on the web at http://rcpd.msu.edu. Once your eligibility for an accommodation has been determined, you will be issued a Verified Individual Services Accommodation ("VISA") form. Please present this form to me at the start of the term and/or two weeks prior to the accommodation date (exam, quiz, etc.). Requests received after this date may not be honored. If you require testing accommodations (additional time, etc.) please contact me and send your VISA well ahead of the date of the test.

Plagiarism and artificial intelligence: If there is evidence that any work you submit for this course is partially or completely plagiarized/copied from another source (a different student, etc.), then points will be subtracted and you will be reported to the appropriate authorities (see https://ombud.msu.edu/academic-integrity/plagiarism-policy.html). If there is evidence that you made use of artificial intelligence to produce any of the work you submit, then points will also be subtracted and you will also be reported to the appropriate authorities.

Final Grade Breakdown:

	# points	% of final grade
Best Exam	60*	30.0%*
Other Exam	52	26.0%
Other Exam	52	26.0%
Online experiments	20	10.0%
Subject Pool	10	5.0%
Attending 60% of lectures	6	3.0%
Course total	*200 points*	*100%*

*Each exam has 52 questions. In calculating your overall grade, you can treat your best exam as if it contained 60 questions, while keeping your *proportion* of correct questions on that exam the same as it was in reality (e.g. 26 out of 52 becomes 30 out of 60).

Final Grade Scale:

90 % and above	4.0
86 % and above	3.5
80 % and above	3.0
76 % and above	2.5
70 % and above	2.0
66 % and above	1.5
60 % and above	1.0
Less than 60 %	0.0

Course schedule:

Date	Lectures	Recommended book chapter accompanying lectures
8/28/23	1. Introduction to the course	
8/30/23	2. History of cognitive psychology 1	
9/4/23	*(No class. Labor day)*	
9/6/23	3. History of cognitive psychology 2	Ch 1
9/11/23	4. Cognitive neuroscience 1	Ch 2
9/13/23	5. Cognitive neuroscience 2	
9/18/23	6. Cognitive neuroscience 3 + Methods 1	Ch 2
9/20/23	7. Methods 2	
9/25/23	8. Review for Midterm 1	
9/27/23	***Midterm exam 1***	
10/2/23	9. Perception 1	Ch 3
10/4/23	10. Perception 2	
10/9/23	11. Perception 3	Ch 3
10/11/23	12. Perception 4 + Attention 1	Ch 4
10/16/23	13. Attention 2	Ch 4
10/18/23	14. Attention 3 + Memory 1	Ch 5
10/23/23	*(No class. Break day)*	
10/25/23	15. Memory 2	Ch 6 and Ch 7
10/30/23	16. Memory 3	Ch 8
11/1/23	17. Review for Midterm 2	
11/6/23	***Midterm exam 2***	
11/8/23	18. Conceptual knowledge + Imagery 1	Ch 9 and 10
11/13/23	*(No class. Instructor absent)*	
11/15/23	19. Imagery 2	Ch 10
11/20/23	20. Language 1	Ch 11
11/22/23	21. Language 2	
11/27/23	22. Language 3 + Problem solving 1	Ch 12
11/29/23	23. Problem solving 2	
12/4/23	24. Judgment, decisions and reasoning	Ch 13
12/6/23	25. Review for Final exam	

12/12/23 (Tuesday)	*Final exam at 12:45PM*	

Distributing lectures: Students are expected to respect the intellectual property of course instructors. All course materials presented to students are the copyrighted property of the course instructor and are subject to the following conditions of use:

1. Students may not post the recordings or other course materials online or distribute them to anyone not enrolled in the class without the advance written permission of the course instructor and, if applicable, any students whose voice or image is included in the recordings.

2. Any student violating the conditions described above may face academic disciplinary sanctions.

Academic Honesty: Article 2.III.B.2 of the Student Rights and Responsibilites (SRR) states that "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the (insert name of unit offering course) adheres to the policies on academic honesty as specified in General Student Regulations 1.0, Protection of Scholarship and Grades; the all-University Policy on Integrity of Scholarship and Grades; and Ordinance 17.00, Examinations. (See Spartan Life: Student Handbook and Resource Guide and/or the MSU Web site: www.msu.edu.)

Therefore, unless authorized by your instructor, you are expected to complete all course assignments, including homework, lab work, quizzes, tests and exams, without assistance from any source. You are expected to develop original work for this course; therefore, you may not submit course work you completed for another course to satisfy the requirements for this course. Also, you are not authorized to use the www.allmsu.com Web site to complete any course work in this course. Students who violate MSU academic integrity rules may receive a penalty grade, including a failing grade on the assignment or in the course. Contact your instructor if you are unsure about the appropriateness of your course work. (See also the Academic Integrity webpage.)