

PSYCHOLOGY 200-002: COGNITIVE PSYCHOLOGY

Tuesday & Thursday 3:00PM - 4:20PM — B117 Wells Hall

Instructor	Office	Office Hours	Contact
Prof: Dr. Karl Healey	???	Tues & ??? or by apt.	khealey@msu.edu
TA: Linh Lazarus	Psych Building 213	???	lazarus6@msu.edu
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Course Description & Objectives

This course is an introduction to the field of Cognitive Psychology and will provide an overview of its major theories, findings and methods. 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.

Required Materials

Official Text

The official text is *Cognitive Psychology: Connecting Mind, Research, and Everyday Experience, 5th Edition*

This is an electronic textbook.

The electronic text includes access to *MindTap*, a web-based app that includes a variety of practice problems, demos, virtual flash cards, and other study aids.

MindTap is required—you need it to complete “coglabs”, which are demonstrations of classic psychology experiments on which you will be quizzed.

You have two options for purchasing the book and MindTap:

1. ISBN 9781337408288 is just our textbook and MindTap.
2. ISBN 9780357700037 is a Cengage Unlimited Subscription that gives you access to all electronic textbooks published by Cengage as well as access to MindTap. This is the best option if you are taking other courses using Cengage ebooks this semester as you get them all for one price.

Both can be found here:

<https://www.cengage.com/c/cognitive-psychology-connecting-mind-research-and-everyday-experience-5e-goldstein/9781337408288>

You must have MindTap access. Be sure whatever you buy comes with a MindTap access code—many used hard copies do not. See the “MindTap Registration and Access” section on D2L for more instructions on how to get access.

Getting Help—Office Hours and Email

The best way to get help is to come to office hours. The TA, UAs, and I hold regular office hours. If you can't make office hours, you can email us to make an appointment for a different time. We genuinely love talking to students about psychology—Don't hesitate to take advantage of the office hours!

If you have a non-technical question that requires only a short response, you can email the TA or a UA. We will try to be diligent about responding, but occasionally your message may be hidden amongst the spam; If you don't hear back in a reasonable time, send the message again. If the TA or UA is unable to answer your question, they will forward it to me. For questions that require a longer response please use office hours.

When needed I will e-mail announcements to the class. So, I encourage you to regularly check your MSU e-mail account.

Grading

You can earn up to 500 points from the following required assignments:

Assignment Type	Description	Points Each	Total Points
Exams	Best 3 out of 4 graded	125 points graded per exam	375
Quizzes	Four Quizzes	25 points per quiz	100
Subject Pool	5 hours	5 points per hour	25
Course Total			500

Your final grade is based on the percentage of the 500 points you earn:

Grade	Percentage
4.0	90% and above
3.5	85 – 89%
3.0	80 – 84%
2.5	75 – 79%
2.0	70 – 74%
1.5	65 – 69%
1.0	60 – 64%
0.0	59% and below

Exams

There will be four multiple choice exams: three midterms and a **non-cumulative** final exam (dates are given below). They will test your knowledge of the material presented in lecture, the readings, coglabs, and any videos we watch. Each exam will be scored out of 125 possible points. Your three highest exam scores will count toward your final grade—your worst exam score will be thrown out.

Coglab Quizzes

On the schedule (see bottom of document), I have assigned 12 CogLab experiments that are applicable to different course topics. Your participation in these experiments will familiarize you with behavioral methods that are used to investigate human cognition, and will help you better understand the lectures. There will be four short multiple choice quizzes during class (also shown in the schedule), designed to assess your familiarity with the procedures, results, and implications of these CogLab experiments. Each CogLab quiz covers the experiments that were assigned to the dates leading up to that quiz (and that were not covered in the previous quiz or quizzes). Thus, I strongly recommend you familiarize yourself with the CogLab experiments prior to the class for which they are assigned. The coglabs are part of MindTap. Direct links to the required labs are provided on D2L. **Note: The dates listed for Coglabs are not ‘due’ dates—we won’t be checking if you did them, just like we don’t check if you read text chapters by the given dates—but doing them by these dates will help you do well on the quizzes.**

Subject Pool Participation (HPR/Sona)

Part of this course is participation in research. You will receive 5 points for every hour of research participation up to a total of 25 points (5% of your total grade). For example, if you do 3.5 hours you will get $3.5 \times 5 = 17.5$ points. Details for how to create your Sona account are available under the “Sona Setup” link on D2L. Be careful: some experiments posted on Sona compensate with money, not course credit! For all questions about research participation, please contact the Research Participation Coordinator (Ms. Audra Jeffrey jeffre22@msu.edu).

If you are under 18 years old and therefore cannot participate in research, you can perform an alternative assignment. For details on this assignment, please contact Ms. Audra Jeffrey (jeffre22@msu.edu). If you do not wish to participate in research for any other reason but would still like to get the points, then you can contact the TA to learn about an alternative assignment.

Make Up Exams & Quizzes

You may take a makeup exam or quiz in case of (1) a documented medical emergency, or (2) a legitimate schedule conflict, such as a religious holiday or sports travel, that you inform me about at least 1 week in advance. In either

case, please send me an email identifying the emergency or conflict as soon as possible. In those cases, you may take the exam either at another time on the normal exam day, or sometime prior to the next course meeting. If you cannot take the exam on one of those days, then that exam will be omitted from your final score and its points distributed over the other exams. If you miss an exam for any other reason, or don't notify us about your emergency or conflict, your score will be 0.

Extra-Credit

You may complete up to 2 hours of HPR/Sona experiments in addition to any points you completed as part of the course's HPR/Sona requirement. Each point completed in this way will earn you 5 points up to a total of 10 points (2% of the total grade). The same deadline applies as for the standard HPR/Sona experiments (see above).

Academic Honesty

Article 2.III.B.2 of the Student Rights and Responsibilities states "The student shares with the faculty the responsibility for maintaining the integrity of scholarship, grades, and professional standards." In addition, the Psychology Department 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, except where specifically authorized by me, you are expected to complete all course assignments, quizzes, and exams without assistance from any source. 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 will receive a penalty grade of a zero on the assignment. Contact me if you are unsure about the appropriateness of your course work. (See also the Academic Integrity webpage.)

Limits To Confidentiality

Materials submitted for this class are generally considered confidential pursuant to the University's student record policies. However, students should be aware that University employees, including the TA and I, must report the following information to other University offices (including the Department of Police and Public Safety) if you share it with us:

- Suspected child abuse/neglect, even if this maltreatment happened when you were a child,
- Allegations of sexual assault or sexual harassment when they involve MSU students, faculty, or staff, and
- Credible threats of harm to oneself or to others.

These reports may trigger contact from a campus official who will want to talk with you about the incident that you have shared. In almost all cases, it will be your decision whether you wish to speak with that individual. If you would like to talk about these events in a more confidential setting you are encouraged to make an appointment with the MSU Counseling Center.

Disruptive Behavior

Article 2.III.B.4 of the Student Rights and Responsibilities (SRR) for students at Michigan State University states: "The student's behavior in the classroom shall be conducive to the teaching and learning process for all concerned." Article 2.III.B.10 of the SRR states that "The student and the faculty share the responsibility for maintaining professional relationships based on mutual trust and civility." General Student Regulation 5.02 states: "No student shall . . . interfere with the functions and services of the University (for example, but not limited to, classes . . .) such that the function or service is obstructed or disrupted." Students whose conduct adversely affects the learning environment in this classroom may be subject to disciplinary action through the Student Judicial Affairs office.

Course Schedule

This schedule is tentative. I reserve the right to change it to best suit the course.

Date	Topic	Text Chapters	Coglab Experiments
29-Aug	Introduction	1	
3-Sep	History & Methods	1	Signal Detection
5-Sep	Cog. Neuro	2	Simple Detection
10-Sep	Cog. Neuro	2	
12-Sep	Perception	3	Visual search
17-Sep	Perception + Quiz 1	3	
19-Sep	Catch Up/Review		
24-Sep	Exam 1		
26-Sep	Attention	4	Stroop Effect
1-Oct	Short-Term Memory	5	Sternberg Search
3-Oct	Memory - Structure	6	Operation Span
8-Oct	Memory - Encoding	7	
10-Oct	Memory - Retrieval + Quiz 2	7	
15-Oct	Memory - Errors	8	Serial Position
17-Oct	Catch Up/Review		Levels of Processing
22-Oct	Exam 2		
24-Oct	Knowledge	9	Von Restorff Effect
29-Oct	Knowledge	9	
31-Oct	Imagery	10	
5-Nov	language + Quiz 3	11	
7-Nov	Catch Up/Review		
12-Nov	Exam 3		Prototypes
14-Nov	Problem Solving	12	Mental Rotation
19-Nov	Creativity	12	
21-Nov	Judgment	13	Wason Selection
26-Nov	Decision Making	13	
28-Nov			
3-Dec	Reasoning	13	
5-Dec	Catch Up/Review + Quiz 4		

Critical Dates

Exam 1: 24-Sep (covers chapters: 1; 2; 3)

Exam 2: 22-Oct (covers chapters: 4; 5; 6; 7; 8)

Exam 3: 12-Nov (covers chapters: 9; 10; 11)

Exam 4: Wednesday, Dec 11 2019 10:00AM - 12:00PM in B117 Wells Hall (covers chapters: 12; 13)

Quiz 1: 17-Sep (covers Coglabs: Signal Detection; Simple Detection; Visual search)

Quiz 2: 10-Oct (covers Coglabs: Stroop Effect; Sternberg Search; Operation Span)

Quiz 3: 5-Nov (covers Coglabs: Serial Position; Levels of Processing; Von Restorff Effect)

Quiz 4: 5-Dec (covers Coglabs: Prototypes; Mental Rotation; Wason Selection)

Last day to participate in SONA experiments: Friday, Dec 6.