

PSYC 2110: Learning, Memory, and Cognition

Fall 2018

MWF 11-11:50 am

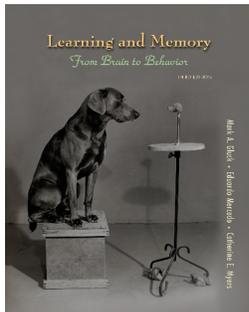
Psychology Building 313

Instructor: Eryn Adams

Email (preferred): erynadams@mizzou.edu

Office: McAlester Annex (top floor)

Office Hours: Feel free to visit any time between 12:30 and 2:30 on Tuesdays. Additionally, and probably most conveniently, we can set up a time to meet outside of these hours that works for you. You can do this by reserving an appointment on Canvas (preferred) or emailing me.



Required Text: Gluck, Mark A., Mercado, E., Myers, C., *Learning & Memory: From Brain to Behavior* (2016-Third Edition)
ISBN: 1-4641-0593-6

Course Description

What is this course about?

This course serves a useful tool for anyone seeking to enter fields where the ongoing activities of the human brain might be important. The brain is a fascinating organ which processes millions of bits of information per second. The discipline of *cognition* helps us to begin to understand what kind of information is being processed and how. This course will focus on the various aspects of human cognition, with a special emphasis on the vitally important skills of learning and memory. By the end of this course, students will be able to answer the question: What kind of processes are happening in the mind at any given moment?

Course Objectives

What can I expect to gain from this course?

At the end of this course, students can expect to be able to:

- Explain the basics of human cognition including the processes of learning and memory.
- Analyze the use of psychological experiments and their importance to our understanding of psychological concepts as well as major theories relevant to the field.

Student Responsibilities

Students will be responsible for their own learning through reading the course text as well as engaging in course activities and discussions. Students should also visit office hours or contact the instructor for any additional help or guidance through course content. Students are responsible for their own attendance, and although attendance will not be recorded every day, participation points will factor into their final grade. Any anticipation of late work should be brought to the instructor's attention promptly. Students should also contact the instructor if they miss an exam for any university-approved reason.

Course Content

What assessments will be completed in this course?

Quizzes: Weekly quizzes will provide a frequent way to assess learning of the material. All quizzes will be completed online on the Canvas site for this course. You may use your book and notes for each quiz, but quizzes will be timed and must be completed within the 20 minutes allotted. If you experience any technical during or after the quiz, email me immediately with a description of your issues. Quizzes will be made available the Sunday at 8:00 am before each week and will be due on the Thursday night of the corresponding week at 11:59 pm. Answers will be reviewed on the Friday following each quiz.

Exams: Exams will assess learning of the material after each major unit and consist of multiple choice, matching, labeling, and open-response questions. After the first exam, each exam will include at least 3 questions covering material from the previous units.

Participation: Some classes will include activities that will count toward your participation grade. You must be in attendance in order to receive participation points on these days.

Grading

How will I be graded for my work?

Your grade in this course will consist of 3 exams and an optional cumulative final. The rest of your grade will be comprised of weekly quizzes and participation points. I will drop the lowest quiz score from your final grade.

The breakdown of your final grade proceeds as follows:

3 exams (100 pts each)	300 points
Weekly quizzes (10 pts each)	100 points
Participation (2 pts each)	30 points
Total points possible	430 points

*** Note:** *If you choose to take the optional cumulative final, your grade will be out of 530 points. I will only keep the final exam grade if it lifts your overall grade. In other words, you won't be penalized for a low score on the final exam. (Email me with questions.)*

Total Pointed Earned	Percentage	Grade
422+ points	98.00 – 100.00	A+
400-421	93.00 – 97.99	A
387-399	90.00 – 92.99	A-
375-386	87.00 – 89.99	B+
357-374	83.00 – 86.99	B
344-356	80.00 – 82.99	B-
332-343	77.00 – 79.99	C+
314-331	73.00 – 76.99	C
301-313	70.00 – 72.99	C-
289-299	67.00 – 69.99	D+
271-288	63.00 – 66.99	D
258-270	60.00 – 62.99	D-
257-	Below 60.00	F

Course Schedule

**All quizzes are due at 11:59 pm on the Thursday of the corresponding week.*

Week	Date	Topic	Readings	Due
1	Aug 20	Syllabus/Introduction to LMC		
	Aug 22	Psychology of Learning and Memory	Chapter 1	
	Aug 24			
2	Aug 27	Neuroscience of Learning and Memory	Chapter 2	QUIZ
	Aug 29			
	Aug 31			
3	Sep 3	NO CLASS-LABOR DAY		QUIZ
	Sep 5	Habituation, Sensitization and Familiarization	Chapter 3	
	Sep 7			
4	Sep 10	Classical Conditioning: I	Chapter 4	QUIZ
	Sep 12			
	Sep 14			
5	Sep 17	Classical Conditioning: II	Chapter 4	EXAM 1-FRIDAY
	Sep 19			
	Sep 21			
6	Sep 24	Operant Conditioning: I	Chapter 5	QUIZ
	Sep 26			
	Sep 28			
7	Oct 1	Operant Conditioning: II	Chapter 5	QUIZ
	Oct 3			
	Oct 5			
8	Oct 8	Generalization, Discrimination Learning, and Concept Formation	Chapter 6	QUIZ
	Oct 10			
	Oct 12			
9	Oct 15	Episodic and Semantic Memory	Chapter 7	QUIZ
	Oct 17			
	Oct 19			
10	Oct 22	Skill Memory	Chapter 8	EXAM 2 - FRIDAY
	Oct 24			
	Oct 26			
11	Oct 29	Working Memory and Cognitive Control	Chapter 9	QUIZ
	Oct 31			
	Nov 2			
12	Nov 5	Emotional Influences on Learning and Memory	Chapter 10	QUIZ
	Nov 7			
	Nov 9			
13	Nov 12	Social Learning and Memory	Chapter 11	QUIZ
	Nov 14			
	Nov 16			
14	Nov 19	NO CLASS- THANKSGIVING BREAK		

	Nov 21			
	Nov 23			
15	Nov 26	Development and Aging	Chapter 12	QUIZ
	Nov 28			
	Nov 30			
16	Dec 3	Wrap-up Topics	TBA	EXAM 3 - WEDNESDAY
	Dec 5			
	Dec 7	NO CLASS- READING DAY		
	Dec 11 (Tuesday)	OPTIONAL CUMULATIVE FINAL – 10:00 AM – 12:00 PM		

****The schedule is subject to change and all changes will be announced and reflected on an updated syllabus.***

Other Policies

Academic Dishonesty

Academic honesty is fundamental to the activities and principles of the University. All members of the academic community must be confident that each person's work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards academic dishonesty as an extremely serious matter. Sanctions for such a breach may include academic sanctions from the instructor, including failing the course for any violation, to disciplinary sanctions ranging from probation to expulsion. For more information about Academic Integrity and the honor code that all students must take, see the Office of Academic Integrity website (<https://oai.missouri.edu/>). When in doubt about plagiarism, paraphrasing, quoting or collaboration, please ask me.

For Students with Disabilities

If you anticipate barriers related to the format or requirements of this course, if you have emergency medical information to share with me, or if you need to make arrangements in case the building must be evacuated, please let me know as soon as possible. If disability related accommodations are necessary (for example, a note taker, extended time on exams, captioning), please register with the Office of Disability Services (<http://disabilityservices.missouri.edu>), S5 Memorial Union, 882-4696, and then notify me of your eligibility for reasonable accommodations. Please schedule an appointment with me so we can discuss your accommodations. For other MU resources for students with disabilities, click on "Disability Resources" on the MU homepage.

Diversity Statement

The University of Missouri System is an Equal Opportunity/ Affirmative Action institution and is nondiscriminatory relative to race, religion, color, national origin, sex, sexual orientation, age, disability or status as a Vietnam-era veteran. Any person having inquiries concerning the University of Missouri-Columbia's compliance with implementing Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans With Disabilities Act of 1990, or other civil rights laws should contact the Assistant Vice Chancellor, Human Resource Services, University of Missouri-Columbia, 130 Heinkel Building, Columbia, Mo. 65211, (573) 882-4256, or the Assistant Secretary for Civil Rights, U.S. Department of Education. For more information, see: <http://diversity.missouri.edu/resources/equity.html>.

Electronic/Digital Recording

University of Missouri System Executive Order No. 38 lays out principles regarding the sanctity of classroom discussions at the university. The policy is described fully in Section 200.015 of the Collected Rules and Regulations. In this class, students may make audio or video recordings of course activity unless specifically prohibited by the faculty member. However, the redistribution of audio or video recordings of statements or comments from the course to individuals who are not students in the course is prohibited without the express permission of the faculty member and of any students who are recorded. Students found to have violated this policy are subject to discipline in accordance with provisions of section 200.020 of the Collected Rules and Regulations of the University of Missouri pertaining to student conduct matters.

Intellectual Pluralism

The University community welcomes intellectual diversity and respects student rights. Students who have questions or concerns regarding the atmosphere in this class (including respect for diverse opinions) may contact the departmental chair or divisional director; the director of the [Office of Students Rights and Responsibilities](#); the [MU Equity Office](#), or equity@missouri.edu.

All students will have the opportunity to submit an anonymous evaluation of the instructor(s) at the end of the course.