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PSYX 280.01: Fundamentals of Memory and Cognition

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PSYX 280 – Fundamentals of Memory and Cognition

Fall, 2022

Course Location and Time

STON 304

Tuesday, Thursday 9:30 – 10:50am, **Arrive to class punctually, please!**

Instructor Information

Instructor: Yoonhee Jang, Ph.D.

Email: yoonhee.jang@umontana.edu (the best way to contact me)

Office: SB 205 (in person) or refer to [Moodle](#) (for the Zoom link).

Office hours: Tuesday, Thursday 2:00 – 3:30pm or by appointment

Textbook

Galotti, K. M. (2018). *Cognitive Psychology: In and Out of the Laboratory* (6th Ed.). SAGE. ISBN 978-1-5063-5156-8

Note that if you purchased the 4th or 5th edition textbook, consult the instructor.

Course Description and Learning Outcomes

This course is an introduction to basic concepts of cognitive psychology, such as perception, attention, memory, general knowledge, categorization, thinking, decision making, etc..

Although there are some differences across chapters, to a greater or less extent, every chapter basically asks you to understand:

1. psychological constructs/cognitive phenomena and tasks;
2. different theories, models, or views to account for the relevant cognitive phenomena; and
3. various experiments (logic, procedure, method, and results) to investigate the relevant cognitive phenomena.

Course Guidelines and Policies

Safety messages

- If you are exhibiting COVID-19 symptoms, please don't come to class and contact the Curry Health Center at (406) 243-4330.
 - For COVID-19 related questions or information/guidance, please contact or visit the Curry Health Center and/or Missoula City/County Public Health Department.

Disability Modifications

The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and the [Office of Disability Equity](#) (ODE, formerly Disability Services for Students). If you think you may have a disability adversely affecting your academic performance, and you have not already registered with ODE, please contact ODE in Lommasson Center 154 or call (406) 243-2243. I will work with you and ODE to provide an appropriate modification.

Class Materials

Class materials can be found on [Moodle](#).

We will often perform fundamental, interesting, cognitive experiments. Bring a piece of paper and a pen with you – Do not miss out on the fun!

Technology policy

If you have technical difficulties when using [Moodle](#), then please contact [UM Online](#) at umonline-help@umontana.edu or (406) 243-4999 – I cannot help, unfortunately!

Specifically, there will not be accommodations for exams that cannot be completed due to technical difficulties. If your computer/internet is unreliable, then it may be best to take the exam at the on-campus. If issues arise, contact the [UM IT Solutions Center](#) for assistance at (406) 243-4357. **I do not allow technical issues or not having the proper software as reasons for late or incomplete exams.**

Expectations

1. Be respectful of everybody in the classroom. Do NOT engage in behaviors that will disrupt class, interfere with the learning of other students, or distract me from teaching (e.g., talking, coming late or leaving early **consistently**, having cell phones on, watching video clips, etc.). A failure to meet this expectation will result in you being dismissed from the class.
2. Ask questions whenever needed. Simply raise your hand if you have something to share. You are welcome to stop by my office or Zoom meeting at the office hours bringing any questions. Please speak with me privately if you are being disturbed or encounter unanticipated difficulties in class.
3. Comply with the Academic integrity policy and honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the [Student Conduct Code](#).

e.g., **V. Academic Conduct**

- **Plagiarism:** Representing another person's words, ideas, data, or materials as one's own.
 - **Misconduct during an examination or academic exercise:** Copying from another student's paper, consulting unauthorized material, giving information to another student or collaborating with one or more students without authorization, or otherwise failing to abide by the University or instructor's rules governing the examination or academic exercise without the instructor's permission.
 - **Unauthorized possession of examination or other course materials:** Acquiring or possessing an examination or other course materials without authorization by the instructor.
4. If you miss classes, please be fully responsible for the consequences. It is the student's responsibility to find out any information they missed due to an absence.

Grading

Grades will be rounded to the nearest whole %.

e.g., if raw score=89.4xxx%, then grade=B; if raw score=89.5xxx%, then grade=A.

90%=< A

80-89% B

70-79% C

60-69% D

=<59% F

Make sure that I am not giving you a grade: You are earning YOUR grade.

Final Grades will be based on the following:

Component	%	Note
Midterm exams	60	A lowest midterm exam score will be dropped.
Final	40	Comprehensive
extra credit	up to 1%	See below
Total	101%	

- **Midterm Exams: 60% (= 2 × 30%)**

There will be 3 midterm exams. A lowest midterm exam score will be dropped. If there are multiple lowest scores, then only one of them will be dropped. Each is worth 30% of your course grade, so the total of your midterm exam scores is worth 60% of your course grade.

Each will cover everything from lectures since the last exam. The questions will consist of true-false, multiple-choice, and/or matching questions.

Each exam will be completed online, and more information will be given in the classroom.

- **Final Exam: 40%**

The final exam will be comprehensive across all materials covered in the course, consisting of true-false, multiple-choice, and/or matching questions.

The final exam will be completed online, and more information will be given in the classroom.

- **Experiment Participation: up to 1% extra credit point**

By choosing to participate in Psychology experiments, you may receive up to 1% extra credit point (one participation point is equivalent to 0.5%). Visit the Psychology Department webpage, and click on Undergraduate Program → [SONA](#) to learn how to participate in Psychology experiments. To receive up to 1% extra credit point for this course, you must assign up to 2 participation points you have received from Psychology experiments to PSYX 280 by 9:30am, Thursday, 12/8/2022; otherwise, you will not receive the extra credit point for this course (even if your SONA account holds credit).

Make-up Exam Policy

Exams can **ONLY** be made up with a documented absence for University sanctioned reasons (such as illness and family emergency): you will not be considered for a makeup exam for your family reunion, vacation, etc. If for some emergency you must miss an exam, you should contact the instructor via email BEFORE the test takes place. If you fail to do so, you will not be allowed to take a make-up exam and will receive a score of 0. The document should fully provide **the information about the absence and contact information**, and be submitted by the next class meeting of the missing exam.

NO exams will be given before the scheduled date, except in the event of an emergency (with a note documenting the emergency) or required university-sanctioned activity.

Course Schedule

Subject to changes by instructor! (NO class on 11/17)

Date	Topic	Chapters
Tu; 8/30	Introduction	
Th; 9/1	History, Methods, and Paradigms	Ch.1
Tu; 9/6	Function of the Brain	Ch.2
Th – Th; 9/8 – 9/15	Perception	Ch.3
Tu – Tu; 9/20 – 9/27	Attention	Ch.4
Th; 9/29 (start at 9:30am)	Exam 1 (Ch.1-4)	
Tu – Tu; 10/4 – 10/11	Sensory, Short-term, and Working Memory	Ch.5
Th – Th; 10/13 – 10/20	Long-term Memory	Ch.6
Tu – Th; 10/25 – 10/27	Everyday Memory	Ch.7
Tu; 11/1 (start at 9:30am)	Exam 2 (Ch.5-7)	
Th – Th; 11/3 – 11/10	General Knowledge and Concepts	Ch.8
Tu – Tu; 11/15 – 11/22	Visual imagery	Ch.9
Tu – Th; 11/29 – 12/1	Decision making	Ch.12
Tu; 12/6 (start at 9:30am)	Exam 3 (Ch.8-9, and 12)	
Th; 12/8	Review	
Thursday, 12/15, start at 10:10am	Final exam (Ch.1-9, and 12)	