

Psychology 325

Ψ

Introduction to Cognitive Psychology-01

INSTRUCTOR: Dr. Karla Lassonde

OFFICE: 103 "I" Armstrong Hall

OFFICE PHONE: 389-5827

EMAIL: karla.lassonde@mnsu.edu

TIME: T/TH 12:00-1:45

LOCATION: Memorial Library,
Room 109

OFFICE HOURS: M 4-5:00,
T/TH 9-11:00, W 9-12:00 and by
appointment

****Office Hours are scheduled using the following link: <http://karllassonde.youcanbook.me>**

Course Undergraduate Teaching Assistant: Jackie Gehling: jacklyn.gehling@mnsu.edu

Course Prerequisites: PSYC 101 Introduction to Psychological Science or PSYC 206 Introduction to Cognitive Science

COURSE DESCRIPTION

This course provides an introduction to the scientific study of human cognition. It is designed to provide you with a broad understanding of the mental processes used to acquire knowledge. Together we will be examining basic concepts, methods, and major findings in the following topics of human cognition: perception, attention, memory, information processing, imagery, categorization, semantic organization, language, problem solving, and decision-making. In addition, we will study how concepts from Cognitive Psychology relate to your behaviors and everyday experiences.

Course Learning Objectives: The goal is that throughout the course you will:

1. Learn and identify basic concepts and general theories in Cognitive Psychology.
2. Understand the importance of experimental psychology (basic statistical concepts and research design) in Cognitive Psychology and develop this understanding through completion of Experimental Labs.
3. Distinguish how your own intuition about Cognitive Processes differs from actual mental processes in Psychological Science.
4. Describe and apply how Cognitive Processes relate to every day experiences.
5. Synthesize information and ideas from text, hands on experiments, and class discussion to facilitate your learning of Cognitive Psychology.

COURSE MATERIALS

1. Goldstein, B. E. (2015). *Cognitive psychology: Connecting mind, research, and everyday experience, 4th Ed.*, Stamford, CT: Cengage Learning. E-book w/ MindTap LMS Integrated (w/CogLab).
2. Desire 2 Learn Brightspace: D2L will be used for posting course material and will directly sync with E-book "MindTap" learning management system. You should check our site several times a week. Note that all of your grades will be kept on D2L so you will have easy access to them. Please keep up with your grades. If you have a question or you think something is wrong, please contact me immediately, don't wait until the end of the semester.

LEARNING EVALUATIONS

1.) Attendance/Participation

I expect that you will attend class and arrive and leave on time. Your active participation, meaning having good eye contact, following along and listening with complete attention, and consistently answering questions in large and small groups is expected. *Being a good class participant makes you a stronger student and is the #1 aspect I think of when I consider your success.* Power points are available on D2L but full lecture notes are not available, so do make sure that you get contact information from another student or two so you can find out what you missed.

2.) MindTap Learning System: MindTap is an interactive learning system that assembles the e-textbook, learning activities, quizzes, and multimedia content in one location.

- To enroll in our MindTap course, you must 1st purchase an e-book access code at the bookstore OR at [www.cengagebrain.com](https://www.cengagebrain.com/shop/ProductDisplay?langId=-1&storeId=10151&catalogId=10057&productId=913697) using the link: <https://www.cengagebrain.com/shop/ProductDisplay?langId=-1&storeId=10151&catalogId=10057&productId=913697>
- **We will enroll together in class by following the link “Intro to Cognitive Psychology Spring 2018” in D2L “Course Materials” folder. This is the *only* link you use to access the MindTap course.

For each assigned chapter, you will complete a series of assignments and activities in MindTap. Specifically, you will complete the following activities:

- **Mastery Training** – are short sets of interactive questions you complete outside of class in Mindtap. You are expected to interact with Mastery Training several times throughout the week as chapters are presented. This application is based on the benefit of distributed practice. Learning is more efficient and long-lasting when material is distributed in short study sessions. Think the opposite of cramming! Begin and complete mastery trainings after reading the chapter.
Each mastery training is worth 15 points.
- **Chapter Quizzes** – are 15-question quizzes covering chapter content and you complete them outside of class in Mindtap. You can take these quizzes as many times as you want before the due date. They ensure you are reading the chapter and retaining chapter information.
Each chapter quiz is worth 10 points.
- **CogLabs** – are experimental exercises that you will complete IN CLASS using MindTap. They are intended to help you understand how research is conducted in Cognition and to help you better understand important concepts that are presented in the text.
Each Coglab is worth 10 points, earned by being in class
- If a lab is not completed in class, you can complete it on your own but you will not earn the in-class participation credit.

Mastery Training and Chapter Quizzes are due by class time, **12:00 noon**, each week following when the content was assigned (see course outline on syllabus). These dates will also be noted in Mindtap. More information about MindTap and the assigned activities can be found on the course D2L page.

***Throughout the course I will drop 1 Mastery Training, 1 Chapter Quiz and 1 Lab (There will be NO make-ups or exceptions for this reason).**

3.) Research Participation “Cognitive Assessment” Throughout the course you will learn the importance of experimental research in understanding mental processes. You will participate in research examining your learning strategies and your overall cognitive function. This research will be completed outside of the classroom during two specific session times. One will occur in the first few weeks of the semester and 1 will occur in the last two weeks of the semester. You will be completing an online survey called the LASSI and participating in a face-to-face lab assessment of your cognition. I will provide you will a variety of sign-up times in which you will commit to a time to complete laboratory portions of the assessment. You will earn the following points for your participation:

- You will earn 25 points for LASSI pre-test.

- You will earn 50 points for completing the 1st in-person phase of research which will take approximately 1 hour.
- You will earn 25 points for LASSI post-test.
- You will earn 50 points for completing the 2nd in-person phase of the research which will take approximately 1 hour.
- You will earn 25 points for a guided reflection on your research experience and on output from your assessments.

5.) Exams: There will be four exams in this course. Exams will be a combination of multiple-choice and short answer (see Course Outline for tentative dates). The fourth exam is a non-cumulative exam and will occur on the scheduled final exam day for this class. For exams, all material is fair game! If you miss a class it is your responsibility to get the notes from a class member.

***Makeup Exams:** There will be no makeup exams. Arrangements due to *anticipated absences* (e.g., MSU athletic event, trips, etc.) **MUST** be made in advance, prior to the scheduled exam date. The only exclusions to this rule are *documented* emergencies or very unusual circumstances, with instructor notification occurring within 24 hours of the exam date.

6.) Extra Credit: SONA Research Participation

You may earn up to **16** extra credit points toward your exam point total by participating psychology research. You will receive an email with your user ID and password shortly after beginning the course. Opportunities for participation are posted at <http://mnsu.sona-systems.com/>. If you forget your password or username, there is a link on the bottom of the screen you can click to have it emailed to you. Please check the site often, as new research opportunities will appear throughout the semester. You are responsible for signing up for research and showing up on time for appointments, or letting the researchers know if you need to cancel—if you miss more than 4 appointments, you will no longer be eligible to participate in research studies for the current semester. You will earn 1 point of SONA credit for each 15 minutes of online research you complete, and 2 points of SONA credit for each 15 minutes of in-person research you complete.

LEARNING ASSESSMENT

Grades will be determined by combining the grades from exams, MindTap activities, and participation in “Cognitive Assessment.” Approximately 940 Total Points.

- | | |
|---|-------------------------|
| 1.) 4-Exams (100 points each) | 400 points total |
| 2.) MindTap (11 Mastery Trainings 15 points each = 165, 11 Quizzes 10 points = 110, 9 Coglabs = 90 points) | 365 points total |
| 3.) Research “Cognitive Assessment” | 175 points total |

Grading Scale	
93-100 = A	76-73 = C
92-90 = A-	72-70 = C-
89-87 = B+	69-67 = D+
86-83 = B	66-63 = D
82-80 = B-	62-60 = D-
79-77 = C +	59 & Below = F

1.) Electronics: *Before coming to class I ask that you silence and put away personal electronic devices (including laptop computers). You are NOT permitted to take notes with a laptop. If you are observed using devices without prior permission, you will not earn any scheduled participation points for that day.

*We will use the machines provided in the classroom. You will be informed when it is appropriate to use them

2.) Phones/Messaging: I expect you to keep your phone out of sight during the class. I will give you a break during each class. During this time, you are free to use your device. If there is an emergency and you need to take a call, quietly dismiss yourself from the classroom.

3.) Email: Please put **PSYC: 325** in the subject of your email and remember etiquette in your correspondence with me. I welcome questions/comments from you; however, please do not email me late in the evening and expect I will be able to reply to you then. I will do my best to respond to your email within 24 hours. Consult your syllabus and D2L for information before you email me. Chances are you can find what you need there. **DO NOT EMAIL ABOUT GRADES.** Grades will only be discussed by scheduling an office hour appointment.

4.) Late Work will not be accepted. Points are spread out among many assignments to allow for the occasional missed assignment to have a small effect on your overall grade. Exceptions **WILL ONLY** be made should you arrange with me to complete a(n) assignment(s) ahead of time

5.) Accessibility Resources (students with disabilities): Every effort will be made to accommodate qualified students with disabilities. If you are a student with a documented disability and you will require special accommodations in this course, please see me as early in the semester as possible to discuss necessary accommodations and contact the Accessibility Resource Office at <http://www.mnsu.edu/access> (507) 389-2825 or 1-800-627-3529 for assistance in developing a plan to address your academic needs.

6.) Other Academic Support Agencies: There are a number of organizations on campus that can help you with academic and non-academic related needs. If you have a problem that you would like to discuss at any point in the course please come and talk to me and I can point you in the direction of a suitable resource.

7.) Academic Honesty: I expect that you will conduct yourselves with honesty and academic integrity while in this class. Minnesota State University students are obligated to adhere to the [*Statement of Student Responsibilities*](#). Students caught cheating on exams, quizzes, or assignments will fail that specific assignment and, when appropriate, may have their situation turned over to student affairs for formal discipline, which may include expulsion.

Course Outline: Information

Assignment Key: MindTap Mastery Trainings and Quizzes are assigned each week and DUE the following Tuesday at “12 noon.” Labs are completed through Mindtap in class on the date listed and are counted for participation. All dates are tentative. I will provide notification should changes be needed.

DATE		TOPIC	READING ASSIGNMENT	Assigned MindTap Activity
Tuesday	1/9	Course Introduction		
Thursday	1/11	Intro to Cognition	Chapter 1	Mastery 1, Quiz 1
Tuesday	1/16	Cognitive Testing	Chapter 2 (on own)	
Thursday	1/18	CogLab Set-up & Research Discussion		Mastery 2, Quiz 2
Tuesday	1/23	Perception	Chapter 3	CogLab 1
Thursday	1/25	Perception		Mastery 3, Quiz 3
Tuesday	1/30	Attention	Chapter 4	CogLab 2
Thursday	2/1	Attention		CogLab 3 Mastery 4, Quiz 4
Tuesday	2/6	Exam #1		
Thursday	2/8	Research reflection & Discussion		
Tuesday	2/13	Short-term & Working Memory	Chapter 5	
Thursday	2/15	Short-term & Working Memory		CogLab 4 Mastery 5, Quiz 5
Tuesday	2/20	WM continued		CogLab 5
Thursday	2/22	Long-term Memory: Structure	Chapter 6	Mastery 6, Quiz 6
Tuesday	2/27	Long-term Memory: Structure		
Thursday	3/1	Long-term Memory: Encoding	Chapter 7	CogLab 6 Mastery 7, Quiz 7
		No Class-Spring Break Week		
Tuesday	3/13	Research Discussion and Review		
Thursday	3/15	Exam #2		
Tuesday	3/20	Knowledge	Chapter 9	CogLab 7
Thursday	3/22	Knowledge		Mastery 9, Quiz 9
Tuesday	3/27	Visual Imagery	Chapter 10	CogLab: 8
Thursday	3/29	Visual Imagery		Mastery 10, Quiz 10
Tuesday	4/3	Exam #3		
Thursday	4/5	Language	Chapter 11	
Tuesday	4/10	Language		CogLab 9
Thursday	4/12			Mastery 11, Quiz 11
Tuesday	4/17	Problem Solving	Chapter 12	CogLab 10
Thursday	4/19	Problem Solving		Mastery 12, Quiz 12
Tuesday	4/24	Decision Making	Chapter 13	
Thursday	4/26	Decision Making; Research Reflection due		Research Reflection due Mastery 13, Quiz 13
Thursday	5/3	Final Exam	10:15 am - 12:15 pm	ML-109