



University of North Texas
College of Liberal Arts and Social Sciences
Department of Psychology
PSYC 4830
Cognitive Psychology

Course Information

Psyc 4830.001 (CRN 9154) / Cognitive Psychology
Spring 2023
3 Credit hours
TR 11:00am-12:20 pm
TH 120

Instructor Contact Information

Name: Lisa Manriquez, PhD. (*she/her/hers*)
Office Location: Terrill Hall 359, University of North Texas
Office hours: Tuesday and Thursday 1:30 p.m. – 3:00 p.m. and open to appointment
Email: lisa.manriquez@unt.edu

TA Contact

Name: Yi-Ting Chang
Email: Yi-TingChang@my.unt.edu
Office Location: Terrill Hall 215
Office Hours: TBD

The TA is primarily responsible for grading and should be the first point of contact for grading, assignments and course-content issues/questions.

Course Description

In this class we will examine classic and contemporary theories of human thinking processes as related to perception, attention, memory, knowledge representation, reasoning, decision making, language, problem solving and consciousness.

Pre-requisites
PSYC 1630 or PSYC 1650

Course Learning Objectives

- CO 1: Know the history of cognitive psychology and classical psychological theories
- CO 2: Identify advanced techniques, including cognitive neuroscience, used in cognitive psychology research
- CO 3: Demonstrate direct application of concepts in this course to the discussion of cognitive research and applied settings
- CO 4: Demonstrate familiarity with key transformative findings in the field of cognitive psychology.

Required Materials

Reisberg, D. (2022). *Cognition: Exploring the science of the mind* (e-book or paperback), 8th ed bundled with ZAPS 3.0 access card. W.W. Norton & Company. ISBN: 9780393877588.

*Students of this class are required to have access to the ZAPS Cognition Labs online resources, which you will use for assignments periodically throughout this course. The access code for ZAPS can be found with the purchase of a new textbook or an E-book through Barnes and Noble in the form of an access code or a separate license can be purchased online. Materials can be accessed

at <https://wwnorton.com/books/9780393877588>.



Technical Support

Student UIT Helpdesk:
Sage Hall 130
940-565-2324
helpdesk@unt.edu

Technical Support Hours:

Monday- Thursday: 8:00am-9:00pm (Walk-in: 8:00am-5:00pm)
Friday: 8:00am-5:00pm
Saturday-Sunday: 11:00am-3:00pm

Technical Skill Requirements

For this course you will need to be able to:

- Use software including MS word, PowerPoint, Adobe
- Navigate Canvas (<https://online.unt.edu/canvas-basics-unt-students>)
- download and upload files
- send and receive emails

Communication and Inclusivity for Student Success

Communication with myself and your TA is key to your success in this course. If any assistance/clarification is needed in the course, please don't hesitate to reach out. There are several ways that you may communicate with me throughout the semester. Our classroom is an inclusive environment where all questions regarding the material in the course are welcome. I appreciate all perspectives and we will treat everyone in the class with respect and civility. If one individual has a question regarding the material, many others are likely to have that question as well and you are encouraged to ask for clarification in class. You can also approach me before or after class for quick clarification. If greater assistance is needed, please visit me during my office hours or email for an appointment. I may also be able to assist you through email as well. It is my goal to respond to your email within 24 hours between M-F 8:00am-5:00pm. I am human and may accidentally overlook your email. If I do not respond to you within 24 hrs. please don't hesitate to resend the email.

Attendance Policy

Attendance will be taken intermittently (a minimum of 10 times) throughout the semester. Research has shown that students who attend class are more likely to persist in the course. You should aim to attend every class unless you have a university excused absence such as active military service, a religious holy day, or an official university function as stated in the [Student Attendance and Authorized Absences Policy \(PDF\)](#). If you cannot attend a class due to an emergency, please let me know. Your safety and well-being are important to me! If you miss class, it is your responsibility to acquire the material covered in class. Please note that material presented in the lectures may not always be presented in the textbook (and vice versa), but will be on the exams; attendance is essential for success in this course.

It is expected that you attend class prepared to participate in a thoughtful manner. You are also expected to behave respectfully towards your fellow classmates and to the professor. If you arrive late or must leave early, please do so in such a way as to not disrupt your classmates or me. All cellphones and other devices must be turned off or put in silent mode and kept in your pocket or bag.

Course Requirements

All the assignments and point values are listed below. See *Canvas for the instructions and assignment details*. The assignments will be available as the course progresses (consistent with the availability of the module). The correct answers for the quizzes will be available after the due date for that particular quiz has passed.

Assignment	Points Possible
<i>Reading Quizzes (10X10 pts each)</i>	100
<i>Exams (3X100 points)</i>	300
<i>Writing Assignment</i>	100
<i>ZAPS Experiment Completion (5X5)</i>	25
<i>ZAPS Discussion Assignments (5X15)</i>	75
Total Points Possible	600 points

Chapter Quizzes

You must complete 10 (out of 12) quizzes each worth 10 points. You may complete all 12 for additional bonus points. Quizzes consist of 10 multiple choice questions pertaining to the readings and lecture. Quizzes are due each Sunday at 11:59pm following the lecture. Each quiz may only be taken once and you will have 15 minutes to complete each quiz. Quizzes are open book, open notes but you may not consult other individuals or the internet while completing the quiz. Please prepare for the quiz prior to starting the quiz as you will not have time to look up every question during the quiz. No late quiz submissions will be permitted in this course.

Exams

This course has 4 exams each worth 100 points. The lowest exam score will be dropped, and the total score for exams will be out of 300. For example, if a student scores 90, 90, 80, and 75 on the four exams, the 90, 90, and 80 will be included in the final score for a total of 260/300. If an exam is missed, including the final exam, that score will be the lowest score and will be dropped. Exams will be a combination of multiple choice and short answer questions.

Writing Assignment

The course writing assignment (100 pts) will provide you with the opportunity to further examine a concept, theory or paradigm in the area of cognitive psychology that is most interesting to you. In this APA formatted paper, you are expected to demonstrate critical thinking, and the ability to formulate ideas regarding future research and the application of material to everyday life. The paper will be formatted using the 7th edition of the APA manual and will be a maximum of 10 pages. You will be required to incorporate a minimum of 5 peer-reviewed research articles in your paper. Further instructions and grading rubric will be provided mid-semester and will be posted in the assignments tab in Canvas.

ZAPS Experiment Participation

You must complete 5 (out of 6) ZAPS experiments worth 5 points each. You will receive full credit for logging into ZAPS, completing the experiment and subsequent quiz. You may complete all 6 experiments and keep the points for extra credit!

ZAPS Discussion Assignments

You must complete 5 (out of 6 possible) ZAPS discussion assignments worth 15 points each. You will discuss the ZAPS experiment and answer questions pertaining to scientific hypotheses and our class data. These discussions will be uploaded in Canvas on the assigned due date by 11:59pm. You may complete all 6 assignments for an additional 5 bonus points!

No other grades will be given except as noted above. If you are doing poorly in the course, it is your responsibility to drop or withdraw from the course before the appropriate deadline. If it is too late to drop or withdraw from the course, a mark of “Incomplete” can only be assigned if the requirements for obtaining an “I” are met (as noted below). If conditions are not met, you will be assigned the actual grade earned.

Any grade disputes should be made within 7 days of the grade being posted on Canvas. The dispute must be submitted in an email addressed to your TA and myself. Beyond 7 days, grade disputes will not be permitted.

Please check if assignments have been submitted in entirety/as expected before the assignment is due. If there are technical issues or in doubt whether assignments have been/will be successfully submitted, please take a screenshot of the error messages or time-stamped copies of the assignment submissions. I can only consider such requests if evidence is available.

If you are travelling the day an assignment is due, please be mindful of any time differences across locations (change in time zones) and plan accordingly. I cannot consider this as a reason for lack of timely assignment submission.

Grading

The grading scale for this course is A – F. The points I will use to calculate the final grade are below.

Grade	Points
A	540 or more
B	480-539
C	420-479
D	360-419
F	359 or less

Course Expectations

As the instructor in this course, I am responsible for

- Providing course materials that will assist and enhance your achievement of the stated course goals, guidance.
- Providing timely and helpful feedback within the stated guidelines.
- Assisting in maintaining a positive learning environment for everyone.

As a student in this course, you are responsible for

- Reading and completing all requirements of the course in a timely manner.
- Working to remain attentive and engaged in the course and interact with your fellow students.
- Assisting in maintaining a positive learning environment for everyone.

Late Work/Make-up Policy

I understand life happens and you may occasionally miss a deadline. In this class, I allow you to submit **ONE** assignment after the deadline has passed. To do so, you need to email your TA within 24 hours of the missed deadline. Late work will be accepted with a 10% deduction each day work is late (including weekends). If you have an emergency (hospitalization, major accident, or death of a family member) that can be supported with proper documentation, please contact me as soon as possible to makeup missed work without penalty.

Incomplete Grades

"I" is a non-punitive grade given only during the last one-fourth of a term/semester and only if a student (1) is passing the course, (2) has completed 60% of total coursework, and (3) has justifiable and documented reason, beyond the control of the student (such as serious illness or military service), for not completing the work on schedule. The student must arrange with the instructor to finish the course at a later date by completing specific requirements. These requirements must be listed on a Request for Grade of Incomplete form signed by the instructor, student, and department chair and must be entered on the grade roster by the instructor. See also "Removal of I" policy in the Academics section of undergraduate catalog. (*The UNT Catalog generally allows up to 1 year to remove an "I" grade.*) Grades of "I" assigned to an undergraduate course at the end of the Fall 2007 semester and later, will default to "F" unless the instructor has designated a different automatic grade.

Withdraw

The last day to withdraw from this course is April 7th, 2023.

Policies

Academic Integrity: <https://facultysuccess.unt.edu/academic-integrity>

The University of North Texas promotes the integrity of learning and embraces the core values of trust and honesty. Academic integrity is based on educational principles and procedures that protect the rights of all participants in the educational process and validate the legitimacy of degrees awarded by the University. In the investigation and resolution of allegations of student academic dishonesty, the University's actions are intended to be corrective, educationally sound, fundamentally fair, and based on reliable evidence.

Cheating "Cheating," in this policy, means the use of unauthorized assistance in an academic exercise, including but not limited to:

1. use of any unauthorized assistance to take exams, tests, quizzes, or other assessments
2. use of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments
3. use, without permission, of tests, notes, or other academic materials belonging to instructors, staff members, or other students of the University
4. dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor
5. any other act designed to give a student an unfair advantage on an academic assignment.

"Plagiarism," in this policy, means use of another's thoughts or words without proper attribution in any academic exercise, regardless of the student's intent, including but not limited to:

1. the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgement or citation
2. the knowing or negligent unacknowledged use of materials prepared by another person or by an agency engaged in selling term papers or other academic materials.

Code of Student Conduct: <https://deanofstudents.unt.edu/conduct>

Please be aware that UNT policy (See <http://policy.unt.edu/policy/12-005>) based on Title 9 of the Education Amendments of 1972 (20 U.S.C. § 1681(a); See <https://www.aclu.org/know-your-rights/title-ix-and-sexual-assault>) entails a duty for institutional employees to report to the

university any knowledge regarding recent events of sexual misconduct involving students or employees. Additionally, if you report any information indicating that you have been a victim of sexual harassment, sexual assault, dating violence, or stalking being a student or employee at UNT, I am required to report this information to concerned authorities as mandated by Texas State Law. If you would like to discuss information with a confidential source, the UNT CARE Team is always ready to assist. Their website is located at <http://studentaffairs.unt.edu/care>. You may also reach UNT CARE at their email address, careteam@unt.edu. UNT's Survivor Advocates can also assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached via email at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565-2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator via email at oeo@unt.edu or at (940)-565-2759.

ADA Policy

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at 940.565.4323.

Helpful links for supplemental student services:

1. [Student Health and Wellness Center](#)
2. [Counseling and Testing Services](#)
3. [UNT Care Team](#)
4. [UNT Psychiatric Services](#)
5. [Individual Counseling](#)
6. [UNT schedule to register and withdraw/drop a course](#)
7. [Information on student policies and resources](#)
8. [Learning Center](#)
9. [Undergraduate research Fellowship](#)

Schedule

Week	Date	Topic	Assignment Due
1	1/17-1/19	<ul style="list-style-type: none"> Syllabus Review Science of the Mind 	Quiz #1 Due 1/23
2	1/24-1/26	<ul style="list-style-type: none"> Neural Basis for Cognition 	Quiz #2 Due 1/23
3	1/31-2/1	<ul style="list-style-type: none"> Visual Perception 	Quiz #3 Due 1/30 ZAPS #1 - Ponzo Illusion Due 02/05
4	2/7-2/9	<ul style="list-style-type: none"> Recognizing Objects 	Quiz #4 Due 2/6
5	2/14-2/16	<ul style="list-style-type: none"> Exam 1 Review / Exam 1 	
6	2/21-2/23	<ul style="list-style-type: none"> Attention 	Quiz #5 Due 2/20 ZAPS #2 – Selective Attention Due 02/26
7	2/28-3/2	<ul style="list-style-type: none"> Acquisition of Memories and Working Memory 	Quiz #6 Due 2/27 ZAPS #3 – Serial Position Effect 03/05
8	3/7-3/9	<ul style="list-style-type: none"> Types of Memory and Complex Events 	Quiz #7 Due 3/6
	3/13-3/18	<ul style="list-style-type: none"> SPRING BREAK 	
9	3/21-3/23	<ul style="list-style-type: none"> Concepts and Generic Knowledge 	Quiz #8 Due 3/20 ZAPS #4 – Semantic Typicality 03/26
10	3/28-3/30	<ul style="list-style-type: none"> Exam 2 Review/ Exam 2 	
11	4/4-4/6	<ul style="list-style-type: none"> Language 	Quiz #9 Due 4/3
12	4/11-4/13	<ul style="list-style-type: none"> Visual Knowledge 	Quiz #10 Due 4/10 ZAPS #5 – Mental Rotation 04/16
13	4/18-4/20	<ul style="list-style-type: none"> Judgement and Reasoning 	Quiz #11 Due 4/17
14	4/25-4/27	<ul style="list-style-type: none"> Problem Solving and Decision Making 	Quiz #12 Due 4/24 ZAPS #6 – Decision Making 04/30
15	5/2-5/4	<ul style="list-style-type: none"> Exam 3 Review/ Exam 3 	
16	5/9	<ul style="list-style-type: none"> Final Exam (10:30 a.m.-12:30 p.m.) 	