



**PSY 511-01W, Cognitive Science
COURSE SYLLABUS**

INSTRUCTOR INFORMATION

Instructor: Jessica Udry, Ph.D.

Office Hours: Tuesdays and Thursdays 12:30pm to 3pm

Zoom Link: <https://tamuc.zoom.us/j/4083248182>

University Email Address: jessica.udry@etamu.edu

Preferred Form of Communication: Email

Communication Response Time: Within one business day.

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

There is no textbook for this course. We be reading and discussing academic articles that may be accessed through the university library. You should NOT pay for any of these articles.

If you are unfamiliar with some cognitive science principles and would like a text to reference, here are two open textbooks:

<https://oercommons.org/courses/cognitive-psychology-3>

[https://en.wikibooks.org/wiki/Cognitive Psychology and Cognitive Neuroscience](https://en.wikibooks.org/wiki/Cognitive_Psychology_and_Cognitive_Neuroscience)

For each module, the readings will be posted at the beginning of the module.

Course Description

Cognition is extraordinarily central in every human's life. Cognitive approach has widespread influence on all other areas of psychology. You mind is an impressively sophisticated piece of equipment. As the owner of this equipment, do you want to check out user's manual as you would do with your favorite gadgets?

The syllabus/schedule are subject to change.

This course offers an overview of cognitive psychology: basic concepts and theories, research methods, and applications in the real world.

Student Learning Outcomes (SLOs)

- 1) Students will enhance reading prowess by diving into textbook sections, unlocking the essentials of concepts, examples, and evidence.
- 2) Students will appreciate the metaphors and the approaches to the scientific understanding of human mind.
- 3) Students will appreciate and to some extent follow the discourse appropriate to how cognitive psychologists communicate about the scientific study of human mind.
- 4) Students will gain an overview of how psychologists test, interpret, and demonstrate concepts, theories and principles in empirical data.
- 5) Students will nurture scientific thinking. This is an approach to information that combines a high degree of *skepticism* (questioning what “everybody knows”), followed by *objectivity* (using empirical data to separate fantasy from reality) and *rationalism* (practicing logical reasoning).

COURSE REQUIREMENTS

Minimal Technical Skills Needed

You need to be able to use the following.

- Microsoft Office or equivalent
- D2L
- PDF
- Flip

Instructional Methods

This course is a face-to-face class. During our lecture, we will focus on deepening your understanding of the important concepts and theories through lectures, demonstrations, and class discussions. Prior to each week’s lecture, you will be expected to complete the reading materials before the class.

Student Responsibilities or Tips for Success in the Course

- 1) Check and read class emails promptly for announcements, updates, clarifications, etc.
- 2) Take notes as you listen to lectures, read the assigned parts of the textbook to check if your listening comprehension matches with the textbook descriptions, and fill in the missing pieces.
- 3) Quiz yourself often. Can you define a concept in your own words? Can you answer 3 or 4 questions of the textbook practice questions correctly?

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- 4) Review the materials on a regular basis.
- 5) Complete assigned coursework on time.
- 6) Please contact me when you have questions. The material is difficult, and no one learns everything perfectly the first time through. This class, and your time, is too important for you to spend time getting frustrated instead of learning

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Weights of the assessments in the calculation of the final letter grade:

Final Paper	40%
Flip Discussion Posts	20%
Discussion Lead	15%
Annotated Bibliography	25%
TOTAL	100%

Makeup exams and assignments

If you need an extension on this assignment for any reason, you must let me know **before** the deadline. Late assignments will be accepted for 10% off per day late.

If you are traveling and representing the university (e.g., band members, athletes, etc.). you need to request accommodations **BEFORE** the exam or assignment is due, not after.

If you encounter any technical problems when you take any timed tests or assignments online, take screenshots and email me immediately for potential makeups.

Assessments

Unless authorized by instructor, students are expected to complete all course assignments without assistance from any source, including artificial intelligence such as ChatGPT.

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1. Flip Discussion Post 20%

For every paper we read, there will be a discussion question posted on Flip. You are required to post a response to this prompt by posting a short video explaining your answer. Your answer should draw on the discussed paper and any other relevant topics discussed in the course.

2. Discussion Lead 15%

For each paper we discuss in the course, one student is required to “lead the discussion” about that paper. Since this is an online asynchronous course, this will look a bit different than a typical article discussion. By **Tuesday at 11:59PM** the week the article is being discussed, you should upload a short video summarizing the article AND a discussion question to be added as a Flip discussion. I will do the first article to demonstrate what the expectation is for these. A sign up sheet will be sent out at the beginning of the semester to select an article. When you are leading a discussion, you are not required to post a response to the discussion post.

3. Annotated Bibliography 25%

At the end of the semester, you will submit an annotated bibliography including all the articles we discussed in the course. The purpose of this assignment is to give you a document you can reference later as you write papers and/or do work for other courses. It is recommended you add to this bibliography throughout the course immediately after reading each article.

4. Final Paper 40%

For the final paper, you have an option of a few different assignments. The goal of this paper is to apply the material we learned in this course to your field in a way that is useful to you.

Some ideas include, but or not limited to:

- A literature review
- A research proposal
- A research project you are working on with an additional cognitive element

The specifics of the paper will vary depending on the assignment you select. Overall, the assignment will be graded on your successful completion of the type of assignment you select.

All assignments are due at 11:59PM on the day they are due.

<u>Week/Module</u>	<u>Topic</u>	<u>Assignments</u>

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1	What is cognitive science?	Discussion post due 7/13
1	Attention and Visual Perception	Discussion post due 7/13
2	Short Term Memory and Working Memory	Discussion post due 7/20
2	Long Term Memory	Discussion post due 7/20
3	Everyday Memory and Memory Errors	Discussion post due 7/27
3	Judgment and Decision Making	Discussion post due 7/27
4	Language	Discussion post due 8/3
4	Cognitive Neuroscience	Discussion post due 8/3
5	Artificial Intelligence	Final paper, discussion post, and annotated bibliography due 8/6

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool

https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

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ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: *Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner.* Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

Typically, I will respond to your emails within one business day. I can also schedule a meeting with you via Zoom. Please do not hesitate to contact me if you have any questions.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

Academic Honesty

Unless authorized by me, you are expected to complete all course assignments without assistance from any source, including artificial intelligence such as ChatGPT. You are

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expected to develop original work for this course; therefore, you are not allowed to submit course work you completed for another course to satisfy the requirements for this course.

Contact me if you are unsure about the appropriateness of your course work.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

[http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/
rulesProcedures/documents/
13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf](http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf)

[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

[https://inside.tamuc.edu/aboutus/policiesproceduresstandardsstatements/
rulesprocedures/13students/graduate/13.99.99.R0.10.pdf](https://inside.tamuc.edu/aboutus/policiesproceduresstandardsstatements/rulesprocedures/13students/graduate/13.99.99.R0.10.pdf)

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

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Office of Student Disability Resources and Services

East Texas A&M University

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@etamu.edu

Website: [Office of Student Disability Resources and Services](#)

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East Texas A&M Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url: <http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

East Texas A&M Supports Students' Mental Health

The Counseling Center at East Texas A&M, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding

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Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

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