



## **Cognitive Psychology PSY 350---01H**

COURSE SYLLABUS: Fall 2022, HEN 206

MWF 11-11:50 am

### **INSTRUCTOR INFORMATION**

**Instructor:** Shulan Lu, Ph.D., Professor of Psychology

**Office Hours:** Via email and Zoom

**University Email Address:** shulan.lu@tamuc.edu

**Preferred Form of Communication:** I will reply to your email within 24-48 hours during the week. It will take longer if you email me during the weekend.

If you have any questions or concerns about our class, please ALWAYS contact me first. If we cannot reach solution, I will refer you to Dept Head.

### **COURSE INFORMATION**

#### **Materials – Textbooks, Readings, Supplementary Readings**

##### **Textbook(s) Required**

Matlin, M. & Farmer, T. A. (9th Ed). Cognition. Wiley. **ISBN:** 9781118983287

#### **Course Description**

Cognition is extraordinarily central in every human's life. Cognitive approach has widespread influence on all other areas of psychology. Your 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?

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

#### **Student Learning Outcomes**

1. Students will be able to appreciate the metaphors and the approaches to the scientific understanding of human mind.

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2. Students will be able to appreciate and to some extent follow the discourse appropriate to how cognitive psychologists communicate about the scientific study of human mind.

3. Students will gain an overview of how psychologists test, interpret, and demonstrate concepts, theories and principles in empirical data.

## **COURSE REQUIREMENTS**

### **Instructional Methods**

This course is face-to-face. During class, we will have lectures, demonstrations, discussions and practice questions. We all come to this course with a variety of experiences, responsibilities, needs, and feelings. This means we have much to learn from each other, but it also means that we may all learn differently and at different paces. I practice a “whole learner” approach to instruction. This means that all learners in our classroom (myself included) are not just students/instructors, but people with outside lives that will both inform and possibly sometimes interfere with this class. As such, the course policies below offer some flexibilities such as coursework makeup. Our policies offer flexibility, but also ask for accountability. Both are integral to creating a productive learning experience for our entire classroom community.

### **Student Responsibilities or Tips for Success in the Course**

Throughout our course, we will learn the science of how to learn and practice them. The following are some basics.

- 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?
- 4) Review the materials on a regular basis. Consider the Pomodoro technique. Set aside 20-25 minutes each time and study.
- 5) Complete coursework.
- 6) Complete hands-on activity following the time announced.

## GRADING

To be on the safe side, assume that I grade on a numerical scale. However, I reserve the right to reward exemplary attendance and participation.

A = 90-100%

B < 90%

C < 80%

D < 70%

F < 60%

**Questions about Grades:** Any questions about a grade for a particular assignment, quiz, or exam should be brought to my attention within a week of the particular grade being posted.

### **Makeup exams and assignments**

If you become sick, please schedule to retake the assignments within two weeks of the due date and provide documentation of your illness.

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.

## **Assessments**

### **Learning Engagement:**

*Engagement is the heart of this course, as it is how we learn the most from each other; therefore, it is imperative that all students attend class and actively contribute ideas and reflections. Class session attendance is required and will be a part of your course grade as outlined on the syllabus. For each class session, please observe the following.*

1. While anyone can be late on rare occasions, habitual lateness is unacceptable. Also once in class, be prepared to stay for the entire class period.
2. If you must miss a class, you are responsible for what transpires during class sessions whether you are there or not.
3. Be respectful toward all members of the class and their views.
4. Socratic time: This class will employ active learning strategies via the use of in-class socratic questions. Please download Socratic at your mobile phone or laptop. These socratic questions may be used to assess your understanding of material presented on that day of class or your memory for information presented in

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previous classes. **If you forget to bring the app device or if your batteries are dead, you cannot obtain credit for that day of class. We will not have Socrative make-up. However, we will drop 4 lowest Socrative scores.**

5. Learning engagement will also be assessed via your performance on the Socrative questions, your participation in discussions, and my assessment of your class participation.

*Disruptive behavior or disrespect* toward other students or the instructor will not be tolerated. At the very least, it will cost a letter grade, and is subject to further penalty.

**Learning Engagement Total: approx. 30 points**

**Hands-on Activities:**

Instructors will announce these hands-on activities in advance. To receive credits, students are required to follow the procedure announced promptly and successfully complete the activities.

**Hands-on Activities: 20 points.**

**Assignments:** *To align with the 3 learning outcomes, in particular, Learning Outcome 3, there will be hands-on learning experiences, questions making connections to the theoretical concepts, or questions regarding the applications of cognitive psychology. This part of coursework is NOT meant to entirely overlap with exams. It is meant to cover what a typical exam could not do.*

**Assignment Total: approx. 30 points**

**Research Participation via Sona:** A goal of this class is to help you familiarize yourself with research methods. One way to obtain this goal is to have you participate in research studies. Participating in research studies contributes to students and faculty at A&M - Commerce, your understanding of how research is conducted, and human knowledge in general. All students in this class will be required to participate in the psychology department's participant pool or complete alternative assignments (see me for more information on alternative assignments).

Students must complete a total of 6 experiment credits. However, if you complete your first 4 experiment credits without any "no-shows" you will receive 2 free punctual participant credits. In other words, if you show up to your experiments on time you will only need to complete 4 experiment credits. When you first sign into the experiment management system (EMS) you will be asked to take a prescreen. The prescreen takes about 20 minutes to complete. If you complete the prescreen in the first two weeks of the semester you will receive 0.5 free experiment credit. This can be combined with later experiments that are worth 0.5 credit.

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**Research Participation via Sona: approx. 20 points.**

Exams: The questions align with each of the 3 learning outcomes, in particular, Learning Outcome 1, 2, and 3. There are 3 exams. **There will be NO after the fact make-up examinations.** If for some REAL emergency you must miss an exam, make sure that you contact me BEFORE the exam. When **official documentation** is provided, you can do a make-up.

**Exam Total: approx. 200 points (50+50+100)**

**Extra credit via Sona (up to 2%, approx. 6 pts on your final grade)**

For each credit beyond **6** that you earn, you will receive extra credits up to 2% of your final grade. This can include Sona credits from any combination of in-person studies, online studies, and research papers.

**Schedule**

<b>Week</b>	<b>Date</b>	<b>Topic / Chapter</b>
1	8/29, 8/31, 9/2	Course Organization, Ch 1
2	9/7, 9/9	Ch 2
3	9/12, 14, 16	Ch 3
4	9/19, 21, 23	Wrap up, Review, Exam 1
5	9/26, 28, 30	Ch 4
6	10/3, 5, 7	Ch 5
7	10/10, 12, 14	Ch 7: Visual Imagery, Cognitive Map
8	10/17, 19, 21	Ch 7 Cognitive Map, Ch 8
9	10/24, 26, 28	Wrap up, Review, Exam 2
10	10/31, 11/2, 11/4	Hands-on Activity
11	11/7, 9, 11	Ch9-10
12	11/14, 16, 18	Ch11
	11/21	Ch12 (11/23-27 Thanksgiving)
13	11/28, 30, 12/2	Ch 12
14	12/5, 7?, 9?	Ch 12 Continued
15	12/14	Finals 10:30am-12:30pm

**?Not certain if University still conducts class on 12/7, 12/9.**

**TECHNOLOGY REQUIREMENTS****Browser support**

D2L is committed to performing key application testing when new browser versions are released. New and updated functionality is also tested against the latest version of supported browsers. However, due to the frequency of some browser releases, D2L cannot guarantee that each browser version will perform as expected. If you encounter

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any issues with any of the browser versions listed in the tables below, contact D2L Support, who will determine the best course of action for resolution. Reported issues are prioritized by supported browsers and then maintenance browsers.

Supported browsers are the latest or most recent browser versions that are tested against new versions of D2L products. Customers can report problems and receive support for issues. For an optimal experience, D2L recommends using supported browsers with D2L products.

Maintenance browsers are older browser versions that are not tested extensively against new versions of D2L products. Customers can still report problems and receive support for critical issues; however, D2L does not guarantee all issues will be addressed. A maintenance browser becomes officially unsupported after one year.

Note the following:

- Ensure that your browser has JavaScript and Cookies enabled.
- For desktop systems, you must have Adobe Flash Player 10.1 or greater.
- The Brightspace Support features are now optimized for production environments when using the Google Chrome browser, Apple Safari browser, Microsoft Edge browser, Microsoft Internet Explorer browser, and Mozilla Firefox browsers.

### Desktop Support

Browser	Supported Browser Version(s)	Maintenance Browser Version(s)
Microsoft® Edge	Latest	N/A
Microsoft® Internet Explorer®	N/A	11
Mozilla® Firefox®	Latest, ESR	N/A
Google® Chrome™	Latest	N/A
Apple® Safari®	Latest	N/A

### Tablet and Mobile Support

Device	Operating System	Browser	Supported Browser Version(s)
Android™	Android 4.4+	Chrome	Latest
Apple	iOS®	Safari, Chrome	The current major version of iOS (the latest minor or <b>point</b> release of that major version)

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Device	Operating System	Browser	Supported Browser Version(s)
			and the previous major version of iOS (the latest minor or <b>point</b> release of that major version). For example, as of June 7, 2017, D2L supports iOS 10.3.2 and iOS 9.3.5, but not iOS 10.2.1, 9.0.2, or any other version.  Chrome: Latest version for the iOS browser.
Windows	Windows 10	Edge, Chrome, Firefox	Latest of all browsers, and Firefox ESR.

- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
  - 512 MB of RAM, 1 GB or more preferred
  - Broadband connection required courses are heavily video intensive
  - Video display capable of high-color 16-bit display 1024 x 768 or higher resolution
- For YouSeeU Sync Meeting sessions 8 Mbps is required.** Additional system requirements found here: <https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>
- You must have a:
  - Sound card, which is usually integrated into your desktop or laptop computer
  - Speakers or headphones.
  - \*For courses utilizing video-conferencing tools and/or an online proctoring solution, a webcam and microphone are required.
- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. At a minimum Java 7, update 51, is required to support the learning management system. The most current version of Java can be downloaded at: [JAVA web site http://www.java.com/en/download/manual.jsp](http://www.java.com/en/download/manual.jsp)

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- Current anti-virus software must be installed and kept up to date.

Running the browser check will ensure your internet browser is supported.

Pop-ups are allowed.

JavaScript is enabled.

Cookies are enabled.

- You will need some additional free software (plug-ins) for enhanced web browsing. Ensure that you download the free versions of the following software:
  - [Adobe Reader](https://get.adobe.com/reader/) <https://get.adobe.com/reader/>
  - [Adobe Flash Player](https://get.adobe.com/flashplayer/) (version 17 or later) <https://get.adobe.com/flashplayer/>
  - [Adobe Shockwave Player](https://get.adobe.com/shockwave/) <https://get.adobe.com/shockwave/>
  - [Apple Quick Time](http://www.apple.com/quicktime/download/) <http://www.apple.com/quicktime/download/>
- At a minimum, you must have Microsoft Office 2013, 2010, 2007 or Open Office. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission, will also be required. If you do not have Microsoft Office, you can check with the bookstore to see if they have any student copies.

## 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@tamuc.edu](mailto:helpdesk@tamuc.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.

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## **COMMUNICATION AND SUPPORT**

### **Brightspace Support**

#### **Need Help?**

#### **Student 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 or click on the **Live Chat** or click on the words "[click here](#)" to submit an issue via email.



#### **System Maintenance**

D2L runs monthly updates during the last week of the month, usually on Wednesday. The system should remain up during this time unless otherwise specified in an announcement. You may experience minimal impacts to performance and/or look and feel of the environment.

#### **Interaction with Instructor Statement**

I will be available both during our class meetings and via email. Please do not hesitate to contact me you have any questions.

## **COURSE AND UNIVERSITY PROCEDURES/POLICIES**

### **Academic Honesty:**

Unless authorized by me, you are expected to complete all course assignments without assistance from any source.

You are 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.

### **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.

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## **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](http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).  
<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: [Netiquette](http://www.albion.com/netiquette/corerules.html)  
<http://www.albion.com/netiquette/corerules.html>

### **TAMUC Attendance**

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

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

### **Academic Integrity**

Students at Texas A&M University-Commerce 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](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

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

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

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## **University Counseling Center**

The Counseling Center at A&M-Commerce, 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 Counseling Center events and confidential services, please visit [www.tamuc.edu/counsel](http://www.tamuc.edu/counsel)

## **ADA Statement**

### **Students with Disabilities**

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:

### **Office of Student Disability Resources and Services**

Texas A&M University-Commerce

Gee Library- Room 162

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

Fax (903) 468-8148

Email: [studentdisabilityservices@tamuc.edu](mailto:studentdisabilityservices@tamuc.edu)

Website: [Office of Student Disability Resources and Services](http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

### **Nondiscrimination Notice**

Texas A&M University-Commerce 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 Texas A&M University-Commerce 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 A&M-Commerce 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 A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

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