

Learning and Memory

PSY 3303.DF1

Spring 2022



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Office: Academic 201E

Office Hours: 11:00 a.m. – 1:00 p.m., Tuesday & Thursday (virtual)

10:00 a.m. – 1:00 p.m., Monday & Wednesday (virtual)

Not on campus Monday, Wednesday, or Friday

No office hours on Friday

Course Information

Course Description

This course involves the study of the principles of learning and memory and how they relate to understanding behavior. The course will review theories of classical and instrumental conditional conditioning, biological constraints on learning and memory, memory formation, thinking and language.

Representative topics include:

- operant and classical conditioning
- habituation and familiarization in learning
- emotional influences on behavior and memory
- social learning influences on behavior and memory

Course Credits

This course is worth 3 credit hours (3-0).

Prerequisite and Co-requisite Courses

Psychology 2301

Prerequisite Skills

Accessing Internet websites such as Blackboard and ASU email, and proficiency with Microsoft Word and/or PowerPoint are expectations of this course.

Student Learning Outcomes

Student Learning Outcome By completing all course requirements, students will be able to:	Assignment(s) or activity(ies) validating outcome achievement:
Be able to think critically about learning and memory	Discussions Article Summaries Oral Presentation
Understand major theories of learning and memory	Quizzes Exams
Communicate information and ideas effectively	Discussions Article Summaries Oral Presentation
Be familiar with different domains of learning and memory	Quizzes Exams

Course Delivery

This is an online course offering. This course will be delivered online via [Blackboard¹](#) and the course can be accessed using [ASU's Blackboard Learning Management System](#). All of the online portions of this course are important to your success as a student in this class in helping you achieve the student learning outcomes and a successful grade in this course.

Required Texts and Materials

Learning and Memory: From Brain to Behavior (4th Ed.) (Gluck, Mercado, & Myers, 2020)

Technology Requirements

Testing via Respondus™ Monitor: Access to the quizzes and exams will be through Respondus™ Lockdown Browser and will be video recorded via Respondus™ Monitor [See technology required materials for a list of needed equipment]. Use of another electronic device is prohibited. There is one practice quiz: a short 10 question practice quiz over ASU trivia that is not graded. This quiz will be available to the student to assure accessibility. Students are highly encouraged to go through this practice quiz in advance of taking a graded quiz. This process will allow you to become familiar with the technology associated with testing and improve the testing environment. Instructional videos and more information regarding Respondus Monitor can be found under the Respondus Monitor Help tab in your Blackboard course.

Testing with LockDown Browser: In order to complete the exams and quizzes, you must have the Lockdown Browser on your computer. Go to blackboard to the “support” tab and follow the instructions to download the browser. Once it’s downloaded onto your computer, double-click on the icon in order to connect to blackboard. Login to Blackboard and click on a quiz or exam to complete. Select “no” for the password (note: if you can’t get past this point, something is wrong – the quizzes/exams are password protected, but you will NOT be given the password).

Once you select no you should be able to proceed with the quizzes/exams. **If you have any problems downloading lockdown browser, please contact IT (942-2911) as soon as possible to resolve technological issues so you do not miss the deadlines for these assignments. Not having a webcam for Respondus Monitor or the Lockdown browser downloaded in time to complete assignments will result in zeros for any assignments not completed in time.

To participate in one of ASU's distance education programs, you need this technology:

A computer capable of running Windows 7 or later, or Mac OSX 10.8 or later

The latest version of one of these web browsers: internet Explorer, Firefox, or Safari

Microsoft Office Suite or a compatible Open Office Suite

Adobe Acrobat Reader

High Speed Internet Access

Ethernet adapter cable required (wireless connections can drop during tests and Collaborate sessions)

Webcam

Topic Outline

Week 1	Course Overview, Syllabus, Course Expectations Chapter 1 (Fundamental Themes in the Psychology of Learning and Memory) Chapter 2 (The Neuroscience of Learning and Memory)
Week 2	Chapter 3 (Habituation, Sensitization, and Familiarization: Learning About Repeated Events) Exam 1 (chapters 1-3) Chapter 4 (Classical Conditioning: Learning to Predict Significant Events)
Week 3	Chapter 5 (Operant Conditioning: Learning the Outcome of Behaviors) Chapter 6 (Generalization, Discrimination Learning, and Concept Formation) Exam 2 (chapters 4-6)
Week 4	Chapter 7 (Episodic Memory and Semantic Memory: Memory for Events and for Facts) Chapter 8 (Skill Memory: Learning by Doing)
Week 5	Chapter 9 (Working Memory and Cognitive Control) Presentations Exam 3 (chapters 7-9)
WEEK 6	Chapter 10 (Emotional Influences on Learning and Memory) Chapter 11 (Social Learning and Memory: Observing, Interacting, and Reenacting)
WEEK 7	Chapter 12 (Development and Aging: Learning and Memory Across the Lifespan)
WEEK 8	Exam 4 (chapters 10-12)

Communication

I will do my best to respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to me, include the course name and section number in your subject line.

Virtual communication: Office hours and/or advising may be done with the assistance of the telephone, Collaborate, Skype, etc.

Classroom Etiquette: Please be respectful of others in the course room. When in doubt, use the golden rule! Please do not type in all caps in the course room.

Questions: If at any time during the course that you have a question, you can post the question in the “I Have a Question” discussion thread. These questions will be available for other students to view, so if you do not want other students to read them, do NOT post them in this area. Private questions/concerns should be addressed through email.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Assessment	Percent/Points of Total Grade
Exams	200 points
Chapter Quizzes	120 points
Discussions	90 points
Article Summaries	30 points
Oral Presentation	30 points
Total	470 points

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

A = 423-470+ points

B = 376-422 points

C = 329-375 points

D = 282-328 points

F = 0-281 points (Grades are rounded up)

Teaching Strategies

Students are expected to be “active learners.” It is a basic assumption of the instructor that students will be involved (**beyond the materials and lectures presented in the course**) discovering, processing, and applying the course information using peer-review journal articles, researching additional information and examples on the Internet, and discussing course material and clinical experiences with their peers.

Assignment and Activity Descriptions

***Please note: Rubrics for all assignments and activities are located in your blackboard course.**

Exams: There will be four examinations, each worth 50 points (200 points total, 43% of total grade). The dates of the examinations, and the material covered by each examination, are listed on the Course Schedule. If you miss an exam, the make-up must be taken at the time of the final exam, provided that you have a documented written excuse for missing an exam. Only one make up exam is allowed per student each semester. There is no make-up for the final exam. Each examination will have a timer set for 75 minutes (1 hour and 15 minutes). The final exam (Exam 4) will have a timer set for 120 minutes (2 hours). You will be allowed 3 attempts at each examination, and I will take the highest of the 3 grades. You MAY use your book and/or notes on each exam. Each attempt will be force completion, so if you start an attempt, you must finish it.

Quizzes: Twelve (12) chapter quizzes will be will be posted on Blackboard (one for each chapter), each worth 10 points (120 points total, 26% of total grade). You will have until Sunday of each week to complete each quiz by 11:59 p.m., and you will be allowed 3 attempts. I will take the highest of the 3 grades. You MAY use your book and/or notes on each quiz. Each quiz will have a timer set for 20 minutes. Each quiz will be force completion, so if you start an attempt, you must finish it.

Discussion Board Activities: You will be required to participate in three (3) discussions (90 points total, 19% of the grade). Your first discussion board assignment is your self-introduction video that is worth 10 points (2% of total grade). The other 2 discussions will be about content from the course and chapters. To receive full credit on the discussions, you must create your posts and respond to at least 2 other students' posts per discussion. The breakdown of points is as follows: individual posts are worth 30 points each (30 points * 2 – there will be one discussion assignment for 2 of the chapters) = 60 points total, 13% of total grade; posts to other students (5 points per each response for a total of at least 4 responses, 20 points total, 4% of total grade). Grand total for discussion participation is 90 points.

NOTE: Each discussion post will have a word minimum or length, so please note each week's instructions. In addition, for responses to other classmates, responses like "great post" will NOT be accepted. Discussions are intended to be discussions that are thoughtful and spark interest in other students. You should ask other students questions and/or provide additional outside sources and research to keep the discussions interesting. You will be placed in discussion groups for these assignments to encourage involvement with members of your group and to encourage interaction with each other. Please be sure to follow directions and make your discussion posts in the correct forum. Failure to follow directions and/or posting in the wrong place will result in a zero for the assignment.

Article Summaries: You will be required to complete two (2) article summaries in this course. The instructions will be posted in the course room, and the due dates are listed on the syllabus. You will submit these assignments through the assignment submission link in blackboard. In order to receive full credit, you need to be sure to find an article relevant to the course and answer all the questions required for the assignment. The article summaries will be worth 15 points each ($15 * 2 = 30$ points total, 6% of total grade).

Oral Presentation: You will be required to perform one individual oral presentation in this course. Presentation instructions will be posted in the course room. You have 2 options for the presentation, and to receive full credit, you need to be sure to answer all parts required for the option that you choose. Presentations will be completed during **WEEK 5** of the semester (**Monday, February 14th – Thursday, February 17th**). The presentations will be completed in Blackboard Collaborate in the online course room. Plan ahead with your work/school schedule – failure to complete this assignment during the dates/times scheduled will result in a zero for the presentation. If you're not familiar with Blackboard Collaborate, don't worry – there will be practice sessions set up for each group to work with the software at your convenience throughout the semester, and technical support will be provided. The presentation is worth 30 points (6% of total grade).

Extra Credit: A maximum of **20 extra credit points** can be earned in this course. You have 2 options for extra credit:

- 1). One of your options is to participate in research for the department. Note: You must register through the department's sona-systems website in order to sign-up and receive credit for studies. Points will be posted in Blackboard once all the credits have been entered into sona- systems. If you have questions about a research project, please contact the researcher. Go to the [sona-systems website](#)² to create an account and sign-up for studies. For additional details, see the "Research Opportunities" link on the psychology/sociology [department homepage](#)³.
- 2). The other option for extra credit is to complete short (2 pages) research papers in length concerning representative topics in this class. A list of topics is posted in "Course Information." You will receive 5 points per research paper that you complete. You can turn these in at any

time during the semester so long as it's by the deadline of February 27th. Please be sure your papers are typed and submit the assignments through blackboard.

Assignment Submission

All assignments MUST be submitted through the Assignments link in the Blackboard site. This is for grading, documenting, and archiving purposes. Issues with technology use arise from time to time. If a technology issue does occur regarding an assignment submission, email me at brittany.draper@angelo.edu and attach a copy of what you are trying to submit. **Please contact the IT Service Center at (325) 942-2911 or go to your Technology Support tab to report the issue.** This lets your faculty know you completed the assignment on time and are just having problems with the online submission feature in Blackboard. Once the problem is resolved, submit your assignment through the appropriate link. This process will document the problem and establish a timeline. Be sure to keep a backup of all work.

Late Work or Missed Assignments Policy

No late work is accepted. Any points lost for missed assignments can be made up by completing extra credit. Missed assignments may only be made up due to school-related absences.

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)⁴
- [Angelo State University Catalog](#)⁵

Student Responsibility and Attendance

Online: This class is asynchronous, meaning you do not have to be on-line at a certain time. There are readings which you will have to complete to be able to adequately participate in individual and group assignments. In order to complete this course successfully, you do have to participate in all course activities i.e. discussion boards, article summaries, presentation, etc. Students are expected to engage in course activities and submit work by due dates and times. The hope is that students will make substantive contributions which reflect integration of assigned materials as well as any outside readings as appropriate. Scholarly contribution is an expectation. For planning purposes, this class will probably require a minimum of 6-9 study hours per week on average.

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Health and Human Services adheres to the university's [Statement of Academic Integrity](#).⁶

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁷ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)⁸ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁹ in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).¹⁰

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)¹¹ for more information.

Copyright Policy

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

Syllabus Changes

The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student's responsibility to look for such communications about the course on a daily basis.

Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D. You may submit reports in the following manner:

Online: www.angelo.edu/incident-form

Face to face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.boone@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-

942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit: www.angelo.edu/title-ix.

Course Schedule

Week/Date	Topic/Assignments/Assessments DUE
Week 1: January 18 - 23	Welcome! <ul style="list-style-type: none">• Review Welcome! page• Review Course Syllabus and ASU Honor Code. Select "Mark Reviewed" to agree to terms of the course and ASU's policies and access course content.• Quizzes (chapters 1 & 2)• Self-Introduction Video Both quizzes will be available from 1/18/22 at 8:00 am - 1/23/22 at 11:59 pm* Self-Introduction Video is due by Thursday by 11:59 pm
Week 2: January 24 – 30	<ul style="list-style-type: none">• Quizzes (chapters 3 & 4)• Article Summary #1• Exam 1 (chapters 1-3) Both quizzes and Exam 1 will be available from 1/24/22 at 8:00 am - 1/30/22 at 11:59 pm Article Summary #1 due Sunday by 11:59 pm
Week 3: January 31 – February 6	<ul style="list-style-type: none">• Quizzes (chapters 5 & 6)• Exam 2 (chapters 4-6)• Article Summary #2 Both quizzes and Exam 2 will be available from 1/31/22 at 8:00 am - 2/6/22 at 11:59 pm Article Summary #2 due Sunday by 11:59 pm
Week 4: February 7 – 13	<ul style="list-style-type: none">• Quizzes (chapters 7 & 8)• Discussion 1 (chapter 8) Both quizzes will be available from 2/7/22 at 8:00 am - 2/13/22 at 11:59 pm Discussion 1 is due Wednesday by 11:59 pm. Responses to other group members are due by Sunday at 11:59 pm

Week/Date	Topic/Assignments/Assessments DUE
Week 5: February 14 – 20	<ul style="list-style-type: none"> • Quiz (chapter 9) • Exam 3 (chapters 7-9) • Presentations <p>Both the quiz and Exam 3 will be available from 2/14/22 at 8:00 am - 2/20/22 at 11:59 pm</p> <p>Presentations will be completed this week through Thursday in the online course room. Be sure to sign up for a time on the sign-up sheet.</p>
Week 6: February 21 – 27	<ul style="list-style-type: none"> • Quizzes (chapters 10 & 11) • Discussion 2 (chapter 10) • Extra Credit is DUE <p>Both quizzes will be available from 2/21/22 at 8:00 am - 2/27/22 at 11:59 pm</p> <p>Discussion 2 is due Wednesday by 11:59 pm. Responses to other group members are due by Sunday at 11:59 pm</p> <p>ALL extra credit for the course is due Sunday by 11:59 pm</p>
Week 7: February 28 – March 6	<ul style="list-style-type: none"> • Quiz (chapter 12) <p>Quiz will be available from 2/28/22 at 8:00 am - 3/6/22 at 11:59 pm</p>
Week 8: March 7 – 11	<ul style="list-style-type: none"> • Exam 4 (chapters 10-12) <p>Exam 4 will be available from 3/7/22 at 8:00 am - 3/11/22 at 11:59 pm</p>

* All due times are 11:59 pm CST, unless otherwise specified

Student Evaluation of Faculty and Course

Students in all programs are given the opportunity to evaluate their courses and the faculty who teach them. Evaluations are most helpful when they are honest, fair, constructive, and pertinent to the class, clinical experience, or course. Faculty value student evaluations, and use student suggestions in making modifications in courses, labs and clinical experiences.

Angelo State University uses the IDEA (Individual Development and Educational Assessment) system administered through Kansas State University for all course evaluations. The Office of Institutional Research and Assessment administers IDEA for the entire university, online and has established a policy whereby students can complete course evaluations free from coercion.

1. Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
2. Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures

3. Learning to apply course material (to improve thinking, problem solving, and decisions)
4. Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course

End of Syllabus

¹ <https://blackboard.angelo.edu/>

² <https://angelostate.sona-systems.com/Default.aspx?ReturnUrl=/>

³ https://www.angelo.edu/dept/psychology_sociology/

⁴ <https://www.angelo.edu/student-handbook/>

⁵ <https://www.angelo.edu/catalogs/>

⁶ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁷ <https://www.angelo.edu/services/disability-services/>

⁸ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

⁹ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

¹⁰ https://www.angelo.edu/dept/writing_center/academic_honesty.php

¹¹ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>