

PSY 3303.D20

LEARNING AND MEMORY

SPRING 2022- ONLINE



Archer College of Health and Human Services

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Office: No office- online course only

Office Hours: Make appointment by email

Course Information

Course Description

A study of the principles of learning and memory and how they relate to understanding behavior. The course will review theories of classical and instrumental conditioning, biological constraints on learning and memory, memory formation and retrieval, the neurobiology of memory, and memory disorders.

Course Credits

3-0

Prerequisite and Co-requisite Courses

Psychology 2301

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	Discussion Boards, Activities, Journals
Understand major theories of learning and memory	Quizzes

Communicate information and ideas effectively	Discussion Boards, Activities, Journals, Final Exam
Be familiar with different domains of learning and memory	Quizzes

Course Delivery

This is an online course offering. This course will be delivered online via Blackboard 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

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

Note on the textbook: The 4th edition is the newest edition of this publication. You may purchase earlier editions at your discretion, but assignments will be based on the 4th edition.

Technology Requirements

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 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

Refer to Angelo State University's Distance Education website for further technology requirements: Angelo State University's Distance Education Website:
<https://www.angelo.edu/online-education/>

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 hali.vanbaren@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.

Course Overview (see schedule for details and due dates)

Module 1: Introductory Module (Weeks 1-2, Chapters 1-2)

Module 2: Learning Module (Weeks 3-8, Chapters 3-6)

Module 3: Memory Module (Weeks 9-12, Chapters 7-9)

Module 4: Integrative Topics Module (Weeks 13-15, Chapters 10-12)

Finals Week: Week 16- Final exam due

Assignment Descriptions

Quizzes (25 points each): There are twelve quizzes throughout the course; one for each chapter. Some chapters are split into two parts, so not every week has a quiz. Each chapter quiz will consist of 25 multiple-choice/short answer questions. Students will have one attempt to complete the quiz, with a 60-minute timer, set to auto-submit when 60 minutes have elapsed. Quizzes are open book, open notes. If you use an eBook, you may access your book on another device (tablet, phone, e-reader, etc.), but you must show it in the environment check preceding each quiz. No other materials are permitted.

Quiz due dates are listed on the course schedule below. Quizzes will be made available starting the week they are due. If you have planned absences and need accommodations to take an exam early, you must inform me ahead of time so I can make the exam available to you in advance (this is a Blackboard thing I must coordinate!)

****Respondus LockDown Browser is required to take your exams and quizzes****

NOTE: Access to quizzes and exams will be through Respondus Lockdown Browser and will be video recorded via Respondus Monitor [See Other Required Materials for a list of needed equipment]. Use of another electronic device is prohibited.

A short, 10 question practice quiz over ASU trivia will be available for students to practice using LockDown Browser. These tools will be available to the student to assure accessibility. Students are highly encouraged to go through this practice quiz in advance of taking the first 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.

Discussion Boards: (15 points each) Throughout the course there will be FOUR discussion board topics (one introductory discussion board with the whole class, and three other topics with groups throughout the course). Discussion boards are designed to stimulate conversation and encourage online learners to participate as though the class were held in person. Instructions for each forum will be posted with the discussion prompt. Students must participate in all discussion forums. Original responses to the prompt must be posted by Thursday 11:59 pm (CST) of the current week (with the exception of week 1- see calendar for due dates). Each original response is worth 10 points, and your replies to other students are worth a total of five points. Late original posts will be deducted five points. Reply posts must be completed by Saturday at 11:59 pm (CST). Students may post response posts earlier than Thursday if other students have already commented. **Any posts after 11:59 pm on Saturday will not be accepted. Students may post as many times as they like, however, only the first original post and first two responses to other students' posts will be graded unless the student contacts me.**

Students must also check the discussion board and respond to comments by the instructor and other students on their original posts. **Failure to answer questions that others have made about your posts will result in a loss of points. Please see the discussion board rubric for more details.**

Journals and Activity Assignments (15 points each): Each week will have a discussion board OR a journal/activity assignment due. Non-discussion board assignments are labeled as activities and journals. These activities vary in form, with instructions accompanying each assignment. Some assignments will require watching videos or reading additional material and answering questions (journals), and some will involve hands-on application of learning and memory principles (activities). Students must cite any and all sources used, including the course text and any assigned readings/ videos. Failure to appropriately cite resources will result in a score of zero. All assignments are due by Saturday at 11:59 pm (CST) of the current week. If you have any questions, please email the instructor.

Final Exam (200 points): The final exam will be comprehensive, covering material from the entire course. It will consist of 100 multiple-choice questions (worth one point each) and four short-answer/essay questions (worth 25 points each). The final exam will be open book/ open

notes, as with other exams (refer to quiz guidance above). ****Respondus LockDown Browser is required to take the final exam****

The final exam will be open from 00:00 CST on Monday, May 9th to 11:59 PM CST on Wednesday, May 11th. The exam timer will be set for FOUR hours, and students must complete the exam in one session.

Extra Credit: Extra credit opportunities will not generally be available for this course. If you have any concerns, please contact me. I may be willing to entertain a great idea, but do not count on extra credit to make up for missed or late assignments.

Research Participation: I am willing to allocate extra credit points for research participation. Check out research going on at ASU through Sona, where you can sign up to participate, if applicable: <https://angelostate.sona-systems.com/>
*Research participation is not a course requirement.

Grades: The points listed are an approximate estimate. There may be more or less points depending on how much material is covered in class.

Assignment Type	Quantity	Total Points	% of total grade (rounded)
Discussion boards: 15 pts each (10 pts for original post, 5 pts for replies)	4	60	9
Chapter Exams: 25 pts	12	300	44
Journal/Activity assignments: 15 pts	8	120	18
Final Exam: 200 pts	1	200	29
		680 pts	

Grading Scale

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = below 60%

Grading Policies

To be fair to all students in this class, all assignments are due on time. Late work will not be accepted unless specified in the syllabus. Make-up will only be given in case of emergency if a student notifies me BEFORE the assignment is due and provides appropriate supporting

documentation for the absence. Otherwise, the student will receive a zero for the missed assignments. **Remember to check the syllabus for deadlines.**

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 for more information.

Communication Policy

Students are encouraged to email me if they have any questions or concerns. Please be specific and detailed with your questions. The more specific your question, the better I can answer it. Include the course name/number and section in the subject line. Emails sent during the week (Monday-Friday at 5pm) will be answered within 24 hours. Emails sent after 5pm on Friday may not be answered until Monday. **Please be respectful in your emails.** Please sign with your full name, course, and section. If you are requesting a phone meeting, please be sure to include your telephone number as well. Please use only ASU email addresses.

Office Hours: I work remotely; I am not located on campus. Because this is an online course, email is the best way to keep in touch. Please keep in mind you may email me at any time, and I will try to respond to all emails within 24 hours. I can do appointments through Skype/Facetime/Zoom/ Blackboard Collaborate; just send me an email to request a time. If I don't respond to your email within this timeframe, please send a reminder email; just remember to be respectful, and that an unanswered email is not an excuse for a late assignment.

Questions: If you have questions that may interest other students (concerning deadlines, policies, specific assignment guidance, etc.), please consider posting 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.

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 to disciplinary action and possible expulsion from ASU.

The College of Health and Human Services adheres to the Statement of Academic Integrity. <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

Plagiarism

Plagiarism is a serious topic covered in ASU's Academic Integrity policy 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 via Turnitin. Resources to help you understand this policy better are available at the ASU Writing Center.

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.

Student Disability Services

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 at www.angelo.edu/ADA. The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Ms. Dallas Swafford, Director of Student Disability Services, dallas.swafford@angelo.edu.

Phone: 325-942-2047. The Office of Student Affairs will establish the particular documentation requirements necessary for the various types of disabilities.

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.

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 Miller, J.D.

You may submit reports in the following manner:

Online: angelo.edu/incident-form

Face to Face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.miller@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.

Writing Center

The ASU Writing Center (325-486-6173); writingcenter@angelo.edu is located in the Porter Henderson Library in room 324. Writing Center tutors can work with students in any discipline and at any skill level, either online or face-to-face.

GENERAL POLICIES RELATED TO THIS COURSE

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

- Angelo State University Student Handbook located on the ASU website <http://www.angelo.edu/student-handbook/>

COURSE EVALUATION

Students are provided the opportunity, and are strongly encouraged to participate in a course evaluation at the end of the semester. Areas on the IDEA evaluation include:

1. Gaining factual knowledge (terminology, classifications, methods, trends)
2. Learning to apply course material (to improve thinking, problem solving, and decisions)
3. Developing skill in expressing oneself orally or in writing
4. Learning to analyze and critically evaluate ideas, arguments, and points of view

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.

Please note: This schedule is subject to change at the discretion of the instructor. **All assignments are due by 11:59 PM CST**

Week, Date	Material Covered	Assignments	Due Dates
Module 1: Introductory Module			
Week 1 Jan 18-23	Chapter 1: Fundamental Themes in the Psychology of Learning and Memory	Class Discussion Board 1: Introductions- Initial Post	1/22/2022
		DB 1- Reply Posts	1/23/2022
		Chapter 1 Quiz	1/23/2022
	Review START HERE page in Blackboard		
	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.		
Week 2 Jan 24-30	Chapter 2: The Neuroscience of Learning and Memory	Chapter 2 Journal assignment	1/29/2022
		Chapter 2 Quiz	1/29/2022
Module 2: Learning Module		Assignments	Due Dates
Week 3 Jan 31- Feb 6	Chapter 3: Habituation, Sensitization, and Familiarization: Learning About Repeated Events	Chapter 3 Journal assignment	2/5/2022
		Chapter 3 Quiz	2/5/2022
Week 4 Feb 7-13	Chapter 4: Classical Conditioning: Learning to Predict Significant Events (Section 4.1: Behavioral Processes)	Chapter 4 Activity assignment	2/12/2022
Week 5 Feb 14-20	Chapter 4: Classical Conditioning: Learning to Predict Significant Events (Section 4.2: Brain Substrates and 4.3: Clinical Perspectives)		

		Chapter 4 Quiz	2/19/2022
Week 6 Feb 21-27	Chapter 5: Operant Conditioning: Learning the Outcome of Behaviors (Section 5.1: Behavioral Processes)	Chapter 5 Activity assignment	2/26/2022
Week 7 Feb 28- Mar 6	Chapter 5: Operant Conditioning: Learning the Outcome of Behaviors (Section 5.2: Brain Substrates and 5.3: Clinical Perspectives)	Chapter 5 Quiz	3/5/2022
Week 8 Mar 7-13	Chapter 6: Generalization, Discrimination Learning, and Concept Formulation	GROUP Discussion Board 2- Initial Post	3/10/2022
		GROUP Discussion Board 2- Reply Posts	3/12/2022
		Chapter 6 Quiz	3/12/2022
Spring Break Mar 14-18	SPRING BREAK	No Assignments Due	
Module 3: Memory Module			
Week 9 Mar 21-27	Chapter 7: Episodic Memory and Semantic Memory: Memory for Events and for Facts (Section 7.1: Behavioral Processes)	Chapter 7 Journal assignment	3/26/2022
Week 10 Mar 28- Apr 3	Chapter 7: Episodic Memory and Semantic Memory: Memory for Events and for Facts (Section 7.2: Brain Substrates and 7.3: Clinical Perspectives)	Chapter 7 Quiz	4/2/2022
Week 11 Apr 4-10	Chapter 8: Skill Memory: Learning by Doing	Chapter 8 Activity assignment	4/9/2022
		Chapter 8 Quiz	4/9/2022
Week 12 Apr 11-17	Chapter 9: Working Memory and Cognitive Control	Chapter 9 Journal assignment	4/16/2022
		Chapter 9 Quiz	4/16/2022
Module 4: Integrative Topics Module			

Week 13 Apr 18-24	Chapter 10: Emotional Influences on Learning and Memory	GROUP Discussion Board 3- Initial Post	4/21/2022
		GROUP Discussion Board 3- Reply Posts	4/23/2022
		Chapter 10 Quiz	4/24/2022
Week 14 Apr 25-May 1	Chapter 11: Social Learning and Memory: Observing, Interacting, and Reenacting	GROUP Discussion Board 4- Initial Post	4/28/2022
		GROUP Discussion Board 4- Reply Posts	4/30/2022
		Chapter 11 Quiz	4/30/2022
Week 15 May 2-8	Chapter 12: Development and Aging: Learning and Memory Across the Lifespan	Chapter 12 Journal assignment	5/7/2022
		Chapter 12 Quiz	5/7/2022
Finals Week May 9-13	Comprehensive Final Exam (Covers Chapters 1-12) Available from 00:00 on Monday, May 9th- 11:59 on Wednesday, May 11th)	FINAL EXAM	Open 5/9/2022- 5/11/2022
**All assignments are due at 11:59 PM CST pm on the dates indicated			