



PSYCHOLOGY 2610:902 Learning and Motivation

FALL 2021

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UNIVERSITY OF TOLEDO COURSE CATALOG DESCRIPTION

Extended treatment of learning, conditioning and motivation including operant learning, reinforcement schedules, symbolic reward, generalization and related theoretical developments.
Credit Hours: 3.00

COURSE DESCRIPTION

Learning and Motivation covers the principles and theories underlying learning, behavior, motivation, and memory in human and non-human species. Over the course of the semester, students will be exposed to topics, including classical conditioning, operant conditioning, reinforcement schedules, avoidance and escape learning, punishment, comparative cognition, and observational learning.

COURSE LEARNING OBJECTIVES

By the end of this class, you should be able to demonstrate knowledge and understanding representing appropriate breadth and depth in the following areas. These learning objectives will be met through assigned readings, completion of practice quizzes and exams, writing assignments, and discussion board interactions.

1. Describe different theories of learning and motivation.
2. Explain how theories of learning and motivation, as well as models of cognition and memory, can be applied to understand behavior.
3. Identify the ways that principles of learning and motivation apply to your own life.
4. Develop the ability to effectively present course material and your ideas through writing.

PREREQUISITES AND COREQUISITES

PSY1010 with a minimum grade of D-.

REQUIRED TEXTBOOK

Domjan, M. (2015). *Principles of Learning and Behavior*, 7th edition. Stamford, CT: Cengage Learning.

ISBN: 9780357694855

This textbook can be purchased online at cengage.com: <https://www.cengage.com/c/the-principles-of-learning-and-behavior-7e-domjan/9780357671016PF/>

Students only need to access the text for this course. Students should purchase the textbook/eBook option (\$38.99 for rental through the end of the semester as of August 28, 2021). You do not need to purchase the Cengage Unlimited option. Cheaper versions of the text may be available on other websites.

Additional readings and course materials may be posted online.

TECHNOLOGY REQUIREMENTS

This course will be delivered entirely through the Blackboard course website (<https://blackboard.utdl.edu>). All assignments (e.g., quizzes) will be completed via this website. The Blackboard course website is also where any class announcements will be made. Additional information (syllabus, information on the instructor, information about required assignments) will also be presented on the Blackboard course website. Your grades will be accessible through the Blackboard course website as well.

Browser Check Page. Students need to have access to a properly functioning computer throughout the semester. [The Browser Check Page](#) will enable you to perform a systems check on your browser, and to ensure that your browser settings are compatible with Blackboard, the course management system that hosts this course.

Software. Student computers need to be capable of running the latest versions of plug-ins, recent software and have the necessary tools to be kept free of viruses and spyware. The computer needs to run the following software, available in the [Online Learning Download Center](#).

Internet Service. High-speed Internet access is recommended as dial-up may be slow and limited in downloading information and completing online quizzes and the final exam. This course does contain streaming audio and video content.

Use of Public Computers. If using a public library or other public access computer, please check to ensure that you will have access for the length of time required to complete tasks and tests.

UT Virtual Labs. Traditionally, on-campus labs have offered students the use of computer hardware and software they might not otherwise have access to. With UT's Virtual Lab, students can now access virtual machines loaded with all of the software they need to be successful using nothing more than a broadband Internet connection and a web browser. The virtual lab is open 24/7 and 365 days a year at [VLAB: The University of Toledo's Virtual Labs](#).

If you encounter technical difficulties with Blackboard, please contact the [UT Toledo Online Help Desk](#) at (419) 530-8835 or utdl@utoledo.edu. The Help Desk offers extended hours in the evenings and on weekends to assist students with technical problems. When calling after hours, leave a detailed message, including your Rocket Number and phone number, and an Online Learning staff member will respond on the next business day.

Technical questions related to on-campus Internet access, virtual labs, hardware, software, personal website hosting, and UTAD account management can be directed to UT's [IT Help Desk](#) at (419) 530-2400 or ithelpdesk@utoledo.edu.

UNIVERSITY POLICIES

Undergraduate Policies: <http://www.utoledo.edu/policies/academic/undergraduate/>

COVID-19. COVID-19 testing for sick students is available on both Main Campus and Health Science Campus. Call 419.383.4545 for an appointment. Absences due to COVID-19 quarantine or isolation requirements **are** considered excused absences. Students should notify their instructors and follow the protocols summarized in this document on [Navigating COVID-Related Course Concerns](#). In the event that you have tested positive for COVID-19 or have been diagnosed as a probable case, please review the [CDC guidance](#) on self-isolation and symptom monitoring, and report the disclosure to the Division of Student Affairs by emailing StudentAffairs@utoledo.edu or by connecting with their on-call representative at 419.343.9946. Disclosure is voluntary and will only be shared on a need to know basis with staff such as in the Office of Student Advocacy and Support, The Office of Residence Life, and/or the Office of Accessibility and Disability Resources to coordinate supportive measures and meet contact tracing requirements.

Face Coverings. Face coverings are required while on campus, except while eating, alone in an enclosed space, or outdoors practicing social distancing. Students will not be permitted in class without a face covering. If you have a medical reason preventing you from wearing a face covering due to a health condition deemed high-risk by the CDC, submit an [online application](#) to request an accommodation through the Office of Accessibility and Disability Resources. Students will need to provide documentation that verifies their health condition or disability and supports the need for accommodations. Students already affiliated with the Office of Accessibility and Disability Resources who would like to request additional accommodations due to the impact of COVID-19, should contact their accessibility specialist to discuss their specific needs. You may connect with the office by calling 419.530.4981 or sending an email to StudentDisability@utoledo.edu.

Vaccination. Doctors and other health care professionals agree that the best way to protect ourselves and each other is to get vaccinated. Case data clearly show that vaccines remain highly effective at preventing serious illness from COVID, including the highly contagious delta variant. If you have not yet received your COVID vaccine, the University encourages you do so as soon as possible. No appointment is needed to get the shot at the UTMC Outpatient Pharmacy, University Health Clinic or Main Campus Pharmacy. Once you receive the COVID

vaccination, please register on the COVID Vaccine Registry site at:
<https://utvaccinereg.utoledo.edu/>.

Special Notes Regarding COVID-19. It's important to note, that based on the unpredictability of the COVID-19 virus, things can change at any time. So please be patient and understanding as we move through the semester. I also ask that you keep me informed of concerns you may have about class, completing course work/assignments timely and/or health concerns related to COVID.

Institutional Classroom Attendance Policy. Please be aware that the university has implemented an attendance policy, which requires faculty to verify student participation in every class a student is registered at the start of each new semester/course. For this course, if you have not attended/participated in class (completed any course activities or assignments) within the first 14 days, I am required by federal law to report you as not attended. Unfortunately, not attending/participating in class impacts your eligibility to receive financial aid, so it is VERY important that you attend class and complete course work in these first two weeks. Please contact me as soon as possible to discuss options and/or possible accommodations if you have any difficulty completing assignments within the first two weeks.

Policy Statement on Non-Discrimination on the Basis of Disability (ADA). The University is an equal opportunity educational institution. Please read [The University's Policy Statement on Nondiscrimination on the Basis of Disability Americans with Disability Act Compliance](#). Students can find this policy along with other university policies listed by audience on the [University Policy webpage](#) (<http://www.utoledo.edu/policies/audience.html/#students>).

Academic Accommodations. The University of Toledo embraces the inclusion of students with disabilities. We are committed to ensuring equal opportunity and seamless access for full participation in all courses. For students who have an Accommodations Memo from the Office of Accessibility and Disability Resources, I invite you to correspond with me as soon as possible so that we can communicate confidentially about implementing accommodations in this course.

For students who have not established accommodations with the Office of Accessibility and Disability Resources and are experiencing disability access barriers or are interested in a referral to health care resources for a potential disability, please connect with the office by calling 419.530.4981 or sending an email to StudentDisability@utoledo.edu.

Academic and Support Services. Please follow this link to view a comprehensive list of [Student Academic and Support Services](#) available to you as a student. Please use the following link to view a comprehensive list [Campus Health and Safety Services](#) available to you as a student.

Inclusive Classroom Statement. In this class, we will work together to develop a learning community that is inclusive and respectful. Our diversity may be reflected by differences in race, culture, age, religion, sexual orientation, gender identity/expression, socioeconomic background, and a myriad of other social identities and life experiences. We will encourage and appreciate expressions of different ideas, opinions, and beliefs so that conversations and interactions that could potentially be divisive turn, instead, into opportunities for intellectual and personal development.

Academic Dishonesty. Consistent with University Policy, academic dishonesty will not be tolerated. Students are responsible for knowing what constitutes academic dishonesty. If

students are uncertain about what constitutes plagiarism or cheating they should seek the instructor's advice. Examples of academic dishonesty include, but are not limited to: 1) Plagiarizing or representing the words, ideas or information of another person as one's own and not offering proper documentation; 2) Giving or receiving, prior to an examination, any unauthorized information concerning the content of that examination; 3) Referring to or displaying any unauthorized materials inside or outside of the examination room during the course of an examination; 4) Communicating during an examination in any manner with any unauthorized person concerning the examination or any part of it; 5) Giving or receiving substantive aid during the course of an examination; 6) Commencing an examination before the stipulated time or continuing to work on an examination after the announced conclusion of the examination period; 7) Taking, converting, concealing, defacing, damaging or destroying any property related to the preparation or completion of assignments, research or examination; 8) Submitting the same written work to fulfill the requirements for more than one course. The full University policy on academic dishonesty may be found at <http://www.utoledo.edu/dl/students/dishonesty.html>

Resources Related to Sexual or Gender-based Violence and Harassment. The University of Toledo cares greatly about the health and well-being of our students, staff, and faculty, and takes all sexual or gender-based violence and harassment very seriously. If you have experienced sexual assault, sexual harassment, intimate partner violence, and/or stalking and want a confidential place to obtain support and information, please contact the Center for Student Advocacy and Wellness on the main campus in Health and Human Services Room 3017. You can call 419.530.2497 during regular business hours and 419.530.3431 for 24-hour assistance from a trained advocate. In-person, walk-in appointments are also available Monday-Thursday from 8:30 a.m. to 5 p.m. The Center for Student Advocacy and Wellness provides free and confidential advocacy and counseling services to students, faculty and staff. The YWCA H.O.P.E. Center also can be accessed as an off-campus confidential resource at 419.241.7273. Faculty, teaching assistants, and other university employees are mandated reporters of any incidents of sexual or gender-based violence or harassment. Thus, any disclosures of sexual or gender-based violence or harassment on or off campus made to faculty or teaching assistants, or other university employees must be forwarded to the Title IX Coordinator. The Title IX Office will then contact you regarding your rights, your option to participate in the investigation, interim safety measures and/or academic accommodations, and the need to proceed with an investigation (even if none is requested). Your participation in the process is voluntary. You may call 419.530.3152 to file a complaint or visit the following website for more information and resources: <http://www.utoledo.edu/title-ix/>. Policies relating to Title IX can be found at: <http://www.utoledo.edu/title-ix/policies.html>.

COURSE EXPECTATIONS AND GUIDELINES

Communication with Instructor. Communication with the instructor or teaching assistant is most reliable by email (matthew.tull@utoledo.edu). Please use your Rocket Mail address when emailing the instructor or teaching assistant. Most questions can be answered quickly by email, but you can also make an appointment to meet with the instructor or teaching assistant remotely through Zoom or WebEx. If you are interested in a remote meeting, please email the instructor or teaching assistant to set up a time. The instructor and teaching assistant commit to responding to emails within 24 hours. Please check the Blackboard course website and your email frequently for announcements about the course. If you are having any difficulty with the course material, it is in your best interest to contact the instructor or teaching assistant as soon as possible.

If the grade you receive on an assignment is not what you expected based on the amount of effort that you put into it, please contact me as soon as possible to set up a time to meet. I want you to succeed in this course, and I am here to assist you with your study habits and how to best learn the material for this course.

Email. Students are expected to check their UT email account at least two (2) times/week for important course information.

Extra Credit. Extra credit is not offered for this course. Do not ask for extra credit opportunities.

Netiquette. It is important to be courteous and civil when communicating with others. Students taking online courses are subject to the communication regulations outlined in the Student Handbook.

COURSE STRUCTURE AND OVERVIEW OF COURSE ASSIGNMENTS

Your knowledge of the material covered in the textbook will be assessed with exams and written assignments.

This online course is designed to stimulate student learning through the web-based delivery of readings, video, and audio, as well as collaborative activities involving asynchronous discussion. No on-campus meetings are required. In this fully online course, weeks run from Mondays through Sundays. Specifically, they begin at 12:30 AM Monday morning and end at 11:59 PM on Sunday night. This is not a self-paced course. Instead, a set number of assignments are required to be completed each week of the course. Each week will cover one chapter from the textbook. Any additional materials or instructions for any week will be posted by Monday 12:30 AM of that week, in the appropriate Week folder.

Please do not wait until the last minute to complete assignments. It is in your best interest to put aside time each day to devote to the material. If you need any help developing a study schedule or with study skills, please do not hesitate to contact me.

Practice Quizzes. For each chapter, practice quizzes will be offered. Practice quizzes do not count towards your final grade. The practice quizzes are designed to familiarize you with the material and aid you in identifying areas where additional instruction or review is needed. Each practice quiz is 10 items long, and you can take the practice quizzes as many times as you wish.

Syllabus Quiz (4% of your final grade). During the first week of the course, you will complete a 10-question quiz on the syllabus. The purpose of this quiz is to ensure that you understand the requirements for this course. You can take this quiz as many times as you would like, and you can use the syllabus for reference when taking the quiz. The expectation is that you will obtain a 100% on this quiz.

Exams (4 exams, with each accounting for 15% of your final grade). Throughout the semester there will be 4 non-cumulative exams. Each exam will account for 15% of your final grade for a total of 60% of your final grade. Each exam will consist of 40 questions. Listed below is the exam schedule:

- Exam 1 (15%): Week 5. Covers chapters 1 through 4.
- Exam 2 (15%): Week 8. Covers chapters 5 through 7.

- Exam 3 (15%): Week 11. Covers chapters 8 through 10.
- Exam 4 (15%): Week 14. Covers chapters 11 and 12.

Each exam must be taken during the week in which it is assigned. You have until 11:59 PM of the week in which the exam is assigned to complete the exam. The exam can only be taken once. Some questions will come from the practice quizzes (which is why it is highly recommended that you take the practice quizzes). Questions may be multiple choice, true/false, or fill in the blank.

You may use your textbook as reference to complete the exams; however, you only have 60 minutes to complete each exam; therefore, you must still study prior to each exam. If you don't put in the time to familiarize yourself with the material, there will be no way to complete the exam in 60 minutes if you need to go the textbook for every question. If you need additional time to complete the exam or other accommodations, please see the section above on "Academic Accommodations."

Writing Assignments (3 assignments worth 12% of your final grade each). At some point during the semester, you will be required to submit through Blackboard (instructions for submitting will be presented on Blackboard) a writing assignment that describes how learning or motivation principles may apply to a real-life experience of yours. You may use reference any principle from any chapter. For example, you may choose to write about how positive and negative reinforcement was used to help you learn a new skill or maybe how extinction learning helped you to break a bad habit.

Each writing assignment must include at least two principles from the textbook. These principles don't all have to come from the same chapter. You can only use a given principle once in your writing assignments (i.e., you cannot submit two writing assignments that focus on the same learning principle). Each writing assignment must be at least one page double spaced and in 12-point font (Arial or Times New Roman).

Specific instructions for completing the writing assignment, including how they will be graded, will be posted on Blackboard during the second week of the class. Each writing assignment will count towards 12% of your final grade, for a total of 36% of your final grade.

You can turn in the writing assignments at any point during the semester. However, all writing assignments due by 11:59 PM on December 10, 2021.

Final Exam. Students may also choose to take the final exam during exam week (December 13 to December 17). The final exam can be taken at any point during the final exam week; however, it must be submitted by 6:00 PM on December 17th. The final exam is cumulative and will consist of 50 questions that can come from any chapter. You will have 90 minutes to complete the final exam. If you need additional time to complete the exam or other accommodations, please see the section above on "Academic Accommodations."

As with the other exams, you can reference the textbook to complete the final exam. The final exam is optional. Your grade on the final exam can be used to replace your lowest exam grade. If the final exam is the lowest grade, it won't be counted.

GRADING

Your final grade will be determined based on your performance on the following:

Assignment	Total Assigned	% of each	Total Percentage
Syllabus Quiz	1	4%	4%
Exams	4	15%	60%
Writing Assignments	3	12%	36%
Final Exam (optional)	1	15% (replaces lowest exam grade)	
Total			100%

GRADING SCALE

This is the grading scale. Final grades will not be rounded up.

A = 92.5 - 100%
 A- = 90 - 92.49%
 B+ = 87.5 - 89.99%
 B = 82.5 - 87.49%
 B- = 80 - 82.49%
 C+ = 77.5 - 79.99%
 C = 72.5 - 77.49%
 C- = 70 - 72.49%
 D+ = 67.5 - 69.99%
 D = 62.5 - 67.49%
 D- = 60 - 62.49%
 F = 59.9% and below

W - if you withdraw from the course after the end of the drop period.

IN - Incomplete grades are only assigned in extraordinary circumstances beyond the student's control and only if the student has completed at least 10 exams with a passing grade. Under no circumstances will a student be allowed to retake an entire course in order to complete this course.

Not Attending - Failure to do assignments and take exams will be reported to the registrar and such non-attendance may affect your financial aid.

COURSE SCHEDULE

Week	Dates	Topic	Readings Due	Assignments Due
1	8-30 to 9-5	Introduction to the course, review syllabus, obtain textbook	Syllabus	Syllabus Quiz (due by 11:59 PM on 9-5)
2	9-6 to 9-12	Background and Rationale for the Study of Learning and Behavior (Labor Day 9-6)	Chapter 1	
3	9-13 to 9-19	Elicited Behavior, Habituation, and Sensitization	Chapter 2	
4	9-20 to 9-26	Classical Conditioning: Foundations	Chapter 3	
5	9-27 to 10-3	Classical Conditioning: Mechanisms	Chapter 4	Exam 1 (due by 11:59 PM on 10-3)
6	10-4 to 10-10	Instrumental Conditioning: Foundations	Chapter 5	
7	10-11 to 10-17	Schedules of Reinforcement and Choice Behavior (Fall Break 10-14 and 10-15)	Chapter 6	
8	10-18 to 10-24	Instrumental Conditioning: Motivational Mechanisms	Chapter 7	Exam 2 (due by 11:59 PM on 10-24)
9	10-25 to 10-31	Stimulus Control of Behavior	Chapter 8	
10	11-1 to 11-7	Extinction of Conditioned Behavior	Chapter 9	
11	11-8 to 11-14	Aversive Control: Avoidance and Punishment (Veteran's Day 11-11)	Chapter 10	Exam 3 (due by 11:59 PM on 11-14)

12	11-15 to 11-21	Comparative Cognition I: Memory Mechanisms	Chapter 11	
13	11-22 to 11-28	Comparative Cognition I: Memory Mechanisms (Thanksgiving 11-25 and 11-26)	Chapter 11	
14	11-29 to 12-5	Comparative Cognition II: Special Topics	Chapter 12	Exam 4 (due by 11:59 PM on 12-5)
15	12-6 to 12-12	Complete any remaining writing assignments. Use practice quizzes to prepare for the final exam.	No readings	All writing assignments due by 11:59 PM on 12-10.
16	12-13 To 12-17	Final Exam Week	No readings	Optional Final Exam (due by 6:00 PM on 12-17)