PSY4009-2 FA23 - Psychology Of Cognition And Learning

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PSY4009 Psychology of Cognition and Learning

Department of Psychology

Fall 2023

4 Units

Key Course Information

Course Element	Key Information
Instructor	Max Butterfield, PhD
Teaching Assistant	Sophie Murray
Contact Information	TA Email: **smurray0020@pointloma.edu (mailto:smurray0020@pointloma.edu)** Instructor Email: **mbutter@pointloma.edu (mailto:smurray0020@pointloma.edu)** Phone: (619) 849 - 2405
Office Information	Location: Culbertson 105 Hours and Appointments: **Click here** ⬏ **(https://calendar.google.com /calendar/u/0/appointments/schedules/AcZssZ045a5Lk9g4- R3nyLnPxkOx0Azh4jLfwoio0Gl56bH847Wg8C5vQ8Gto7o3U9Yj7fVbncHQcZMQ)**
Class Information	Class Meetings: Mondays 2:45 PM - 5:15 PM Class Location: Ryan Learning Center 103

Course Reference List	**Required Texts: None** References 1. *Thinking, Fast and Slow* by Daniel Kahneman 2. *Learning and Memory: From Brain to Behavior* (2nd ed.) *by Gluck, Mercado, and Myers*
Final Exam	**Check the final exam calendar here (https://www.pointloma.edu/offices /records/traditional-undergraduate-records)**

PLNU Mission

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

Course Description

In this course, we'll explore the ways in which our lives are shaped by two of the most powerful influences on human behavior: The architecture of our brains, and the scope of our past experiences. We will cover a variety of important topics such as classical and operant conditioning, memory, attention, language, judgment, and decision making. We will not approach this content as merely a collection of facts, figures, and theory to be memorized. Instead, this course will provide a rich framework for understanding why people behave the way that they do, and it will help you apply these lessons to improve your daily life and your future vocation. Classroom activities will focus on lecture, discussion, and hands-on experiences, and you will be evaluated based on your engagement with the material, your knowledge of it, and your ability to apply it to real-world problems and situations. When all is said and done, you will understand the ways in which the fields of cognition and learning provide useful, engaging, and widely applicable lessons for individuals with a wide variety of interests and goals.

From the catalog: "A study of the major theories and empirical findings in the fields of cognition and learning, as well as practical applications to human behavior. Laboratory activities may be included. Prerequisite(s): PSY 1003 and PSY 3090 or consent of instructor."

Program and Course Learning Outcomes

You will be able to…

- Evaluate classic theories and contemporary empirical research in the fields of cognition and learning.
- Explore philosophical and empirical approaches to understanding human nature and individual differences.
- Develop a greater capacity for self-awareness and critical thinking.
- Develop professionalism by coming to class prepared, working collaboratively as a member of a team, and treating others with kindness, empathy, and respect.
- Develop a variety of applied skills, such as podcasting, experiment design, graphic design, project management, public speaking, and video editing.

Course Credit Hour Information

In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 4 unit class delivered over 15 weeks. It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour on their coursework. For this course, students will spend an estimated 150 total hours meeting the course learning outcomes.

Assessment and Grading

Grading Scale

A	B	C	D	F
A 93-100	B+ 87-89	C+ 77-79	D+ 67-69	F < 60
A- 90-92	B 83-86	C 73-76	D 63-66	
	B- 80-82	C- 70-72	D- 60-62	

Your final letter grade will be determined by a variety of assessments of your engagement, knowledge, professionalism, and ability to apply what you have learned. These assessments, and the points associated with them, can be found in the assignments tab in Canvas. Although your base grade will be determined by the overall percentage of points at the end of the semester, your final letter grade will also be raised or lowered based on the course's professionalism rubric.

Consummate Professional (letter grade increase)

- At least 90% attendance for in-person class meetings
- Always prepared for class
- Always familiar with course policies
- Always kind, respectful, and helpful to all people
- Always pays attention and is on-task during class and lecture
- Team player who demonstrably does more than their fair share of work

Professional (maintains letter grade)

- At least 90% attendance for in-person class meetings
- Nearly always prepared for class
- Nearly always familiar with course policies
- Nearly always kind, respectful, and helpful to all people
- Nearly always pays attention and is on-task during class and lecture
- Team player who does their fair share of work

Unprofessional I (loss of one full letter grade)

- Less than 90% attendance for in-person class meetings
- Sometimes unprepared for class
- Sometimes unfamiliar with course policies
- Sometimes unkind, disrespectful, or unhelpful to others
- Sometimes does not pay attention or work on-task during class or lecture
- Does less than their fair share of work

Unprofessional II (loss of two full letter grades)

- Less than 80% attendance for in-person class meetings
- Repeatedly unprepared for class
- Repeatedly unfamiliar with course policies
- Repeatedly unkind, disrespectful, or unhelpful to others
- Repeatedly does not pay attention or work on-task during class or lecture
- Does significantly less than their fair share of work

Final Examination Policy

Successful completion of this class requires taking the final examination on its scheduled day. The final examination schedule is posted on the **Class Schedules (http://www.pointloma.edu/experience /academics/class-schedules)** site. If you find yourself scheduled for three (3) or more final examinations on the same day, you are authorized to contact each professor to arrange a different time for one of those exams. However, unless you have three (3) or more exams on the same day, no requests for alternative final examinations will be granted.

Incompletes and Late Assignments

Late work is unprofessional, and it will not be accepted under any circumstances. Submissions are due in Canvas on or before the posted due date and time. Submissions will not be accepted by email. Canvas problems do occur, and it is your responsibility to ensure that your work has been correctly submitted by the due date and time. Please work ahead to avoid the problems created by last-minute Canvas problems, accidents, illness, or other unexpected delays. Incompletes for the course will only be assigned in extremely unusual circumstances.

Spiritual Care

Please be aware PLNU strives to be a place where you grow as whole persons. To this end, we provide resources for our students to encounter God and grow in their Christian faith.

If students have questions, a desire to meet with the chaplain or have prayer requests you can contact your professor or the **Office of Spiritual Life and Formation (https://www.pointloma.edu /offices/student-life-formation)** .

State Authorization

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on **State Authorization (https://www.pointloma.edu/offices/office-institutional-effectiveness-research /disclosures)** to view which states allow online (distance education) outside of California.

PLNU Copyright Policy

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

PLNU Academic Honesty Policy

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or

concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See **Academic Policies** ⤇ **(https://pointloma-public.courseleaf.com/tug-catalog /academic-general-policies/)** for definitions of kinds of academic dishonesty and for further policy information.

Artificial Intelligence (AI) Policy

You are allowed to use Artificial Intelligence (AI) tools (e.g, ChatGPT, iA Writer, Marmot, Botowski, etc.) in this course. Any work that utilizes AI-based tools must be clearly identified as such, including the specific tool(s) used. For example, if you use ChatGPT, you must cite ChatGPT including the version number, year, month and day of the query and the statement "Generated using OpenAI. **https://chat.openai.com/** ⤇ **(https://chat.openai.com/)** " Use of AI tools without appropriate citation is not permitted and will be treated as plagiarism.

PLNU Academic Accommodations Policy

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (**EAC@pointloma.edu (mailto:EAC@pointloma.edu)** or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will issue an academic accommodation plan ("AP") to all faculty who teach courses in which the student is enrolled each semester.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course and/or if they do not wish to utilize some or all of the elements of their AP in that course.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC.

Language and Belonging

Point Loma Nazarene University faculty are committed to helping create a safe and hospitable learning environment for all students. As Christian scholars we are keenly aware of the power of language and believe in treating others with dignity. As such, it is important that our language be equitable, inclusive, and prejudice free. Inclusive/Bias-free language is the standard outlined by all major academic style guides, including MLA, APA, and Chicago, and it is the expected norm in

university-level work. Good writing and speaking do not use unsubstantiated or irrelevant generalizations about personal qualities such as age, disability, economic class, ethnicity, marital status, parentage, political or religious beliefs, race, gender, sex, or sexual orientation. Inclusive language also avoids using stereotypes or terminology that demeans persons or groups based on age, disability, class, ethnicity, gender, race, language, or national origin. Respectful use of language is particularly important when referring to those outside of the religious and lifestyle commitments of those in the PLNU community. By working toward precision and clarity of language, we mark ourselves as serious and respectful scholars, and we model the Christ-like quality of hospitality.

You may report an incident(s) using the **Bias Incident Reporting Form** ⤷ **(https://cm.maxien /reportingform.php?PointLoma&layout_id=5)** .

Sexual Misconduct and Discrimination

In support of a safe learning environment, if you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that accommodations and resources are available through the Title IX Office at **pointloma.edu/Title-IX (http://pointloma.edu/Title-IX)** . Please be aware that under Title IX of the Education Amendments of 1972, faculty and staff are required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at **counselingservices@pointloma.edu (mailto:counselingservices@pointloma.edu)** or find a list of campus pastors at **pointloma.edu/title-ix (http://pointloma.edu/title-ix)** .

PLNU Attendance and Participation Policy

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions, the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university withdrawal date or, after that date, receive an "F" grade.

Course Modality Definitions

1. **In-Person:** Course meetings are face-to-face with no more than 25% online delivery.
2. **Online:** Coursework is completed 100% online and asynchronously.
3. **Online Synchronous:** Coursework is completed 100% online with required weekly online class meetings.
4. **Hybrid:** Courses that meet face-to-face with required online components.

In some instances, a portion of the credit hour content will be delivered asynchronously and

attendance will be determined by submitting the assignments by the posted due dates. See
Academic Policies ⤷ **(https://pointloma-public.courseleaf.com/tug-catalog/academic-general-policies/)**
in the Undergraduate Academic Catalog.

Asynchronous Attendance/Participation Definition

A day of attendance in asynchronous content is determined as contributing a substantive note,
assignment, discussion, or submission by the posted due date. Failure to meet these standards will
result in an absence for that day. Instructors will determine how many asynchronous attendance days
are required each week.

Use of Technology

In order to be successful in the online or hybrid environment, you'll need to meet the minimum
technology and system requirements; please refer to the *__Technology and System Requirements__*
(https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) information. Additionally,
students are required to have headphone speakers, microphone, or webcams compatible with their
computer available to use. Please note that any course with online proctored exams requires a
computer with a camera (tablets are not compatible) to complete exams online.

Problems with technology do not relieve you of the responsibility of participating, turning in your
assignments, or completing your class work.

Course Summary:

Date	Details	Due
Sun Sep 3, 2023	📝 **Week 01: Habituation (https://canvas.pointloma.edu /courses/68383/assignments/920501)**	due by 11:59pm
Sun Sep 10, 2023	📝 **Week 02: Classical Conditioning (https://canvas.pointloma.edu /courses/68383/assignments/920502)**	due by 11:59pm

Date	Details	Due
Sun Sep 17, 2023	**Week 03: Operant Conditioning (https://canvas.pointloma.edu/courses/68383/assignments/920503)**	due by 11:59pm
Sun Sep 24, 2023	**Week 04: Generalization and. Discrimination (https://canvas.pointloma.edu/courses/68383/assignments/920504)**	due by ... n
Sun Oct 1, 2023	**Week 05: Learning Capstone (https://canvas.pointloma.edu/courses/68383/assignments/920505)**	due by 11:59pm
Sun Oct 8, 2023	**Week 06: The Brain (https://canvas.pointloma.edu/courses/68383/assignments/920506)**	due by 11:59pm
Sun Oct 15, 2023	**Week 07: Attention (https://canvas.pointloma.edu/courses/68383/assignments/920507)**	due by 11:59pm
Sun Oct 22, 2023	**Week 08: Memory (https://canvas.pointloma.edu/courses/68383/assignments/920508)**	due by 11:59pm
Sun Oct 29, 2023	**Week 09: Language (https://canvas.pointloma.edu/courses/68383/assignments/920509)**	due by 11:59pm
Sun Nov 5, 2023	**Week 10: Cognition Capstone (https://canvas.pointloma.edu/courses/68383/assignments/920510)**	due by 11:59pm

Date	Details	Due
Sun Nov 12, 2023	📝 **Week 11: Systems of Thought (https://canvas.pointloma.edu/courses/68383/assignments/920511)**	due by 11:59pm
Sun Nov 19, 2023	📝 **Week 12: Heuristics and Biases (https://canvas.pointloma.edu/courses/68383/assignments/920512)**	due by 11:59pm
Sun Dec 3, 2023	📝 **Week 13: Planning and Decision Making (https://canvas.pointloma.edu/courses/68383/assignments/920513)**	due by 11:59pm
Sun Dec 10, 2023	📝 **Week 14: Choices (https://canvas.pointloma.edu/courses/68383/assignments/920514)**	due by 11:59pm
Wed Dec 13, 2023	📝 **Week 15: Judgment and Decision Making Capstone (https://canvas.pointloma.edu/courses/68383/assignments/920515)**	due by 11:59pm
	📝 **Roll Call Attendance (https://canvas.pointloma.edu/courses/68383/assignments/920500)**	