

Human Learning & Memory (Psychology 5345)
T/TH 2:00-3:20
Spring 2011, Life Science Building 121

Instructor: Heekyeong Park, Ph.D.

Office: LS 408

Office Hours: 10:00 – 11:00 am Tuesday/Thursday

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- I. Course Description:** The course covers major experimental findings in human learning and memory from interdisciplinary perspective.
- II. Course Learning Goals and Objectives:** This course aims to facilitate basic understanding of how our learning and memory works. Upon completions of the course, students are expected to understand the main concepts, findings and theories in human learning and memory research and to apply them to real-world phenomena.

III. Textbooks

REQUIRED Textbook: *Learning and Memory: From Brain to Behavior* (2008) by Gluck, Mercado & Myers, Worth Publishers.

Supplementary Book: *Memory: The Key to Consciousness* (2007) by R. Thompson & S. Madigan, Princeton University Press
Additional reading will be assigned for each topic.

IV. Overall Structure of the Course

The typical class session will consist of:

- Lecture/discussion corresponding to the text and readings
- Presentation/Discussion of a topic
- Question/answer session

V. Course Requirements

Students are required to present two class presentations (based on assigned readings), to participate in class discussion, and to take two examinations (midterm, final). Students are expected to attend class, complete the weekly readings before class and to ask questions.

V. Course Policies

The examinations must be taken as scheduled on this syllabus or as announced in class. There is no make-up exam except the circumstances that the university-policy specifies and the appropriate documentation is received within a week of the missed exam. Missed presentation will be resulted in zero point unless the documentation for the University-approved excuse is submitted.

Students who have disabilities requiring special arrangements for class participation or test administration should notify the instructor of the need for such arrangements at the beginning of the semester.

VI. Assessment and Grading

A: 90% and above; B: 80-89; C: 70-79; D: 60-69; F: below 60

Examinations (70%): You are required to take both midterm and final exams. The final exam will not be comprehensive. Both exams will be essay format tests.

Presentation (30%): Each student will be responsible for giving two presentations (25 min presentation & 5 min discussion) on a topic in human memory. A list of topics will be distributed in class, and related articles will be made available via electronic reserve. Other students should bring at least one question to answer to the presenter to facilitate interactive learning environment.

University of Texas at Arlington

Americans With Disabilities Act:

The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92112 -The Rehabilitation Act of 1973 as amended. With the passage of federal legislation entitled *Americans with Disabilities Act (ADA)*, pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens. As a faculty member, I am required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels. Information regarding specific diagnostic criteria and policies for obtaining academic accommodations can be found at www.uta.edu/disability. Also, you may visit the Office for Students with Disabilities in room 102 of University Hall or call them at (817) 272-3364.

Academic Integrity:

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations

and procedures. Discipline may include suspension or expulsion from the University. "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Series 50101, Section 2.2)

Student Support Services:

The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. These programs include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.

Final Review Week:

A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabi. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. Classes are held as scheduled during this week and lectures and presentations may be given.

E-Culture Policy:

The University of Texas at Arlington has adopted the University email address as an official means of communication with students. Through the use of email, UT-Arlington is able to provide students with relevant and timely information, designed to facilitate student success. In particular, important information concerning registration, financial aid, payment of bills, and graduation may be sent to students through email. All students are assigned an email account and information about activating and using it is available at www.uta.edu/email. New students (first semester at UTA) are able to activate their email account 24 hours after registering for courses. There is no additional charge to students for using this account, and it remains active as long as a student is enrolled at UT-Arlington. Students are responsible for checking their MavMail regularly, so that you will be aware of course update and announcements.

Tentative Schedule

Date	Topic	Chapter
1/18-20	Overview: Psychology of learning and memory	Ch 1; TM Ch 1,2
1/25-27	Neuroscience of learning and memory	Ch 2; TM Ch 9
2/1-3	Classical/Instrumental conditioning;	Ch 7, 8
2/8-10	Observational learning	Ch 11
2/15-17	Modal model of memory	Ch 3, 5
2/22-24	Working Memory	Ch 5
3/1-3	Multiple memory systems	Ch 3; TM Ch 5
3/8-10	Skill memory Midterm Exam (3/10)	Ch 4
3/15-17	Spring Break	
3/22-24	Perceptual memory	Ch 6
3/29-31	Semantic & Episodic Memory	Ch 3
4/5-7	Memory failures	Ch 3; TM Ch 4, 5
4/12-14	Emotional Memory	Ch 10; TM Ch 7
4/19-21	Memory across the lifespan	Ch 12; TM Ch 3
4/26-28	Memory failures	
5/5	Final Review Week	
5/10	Final Exam	2:00am-4:30pm