

Memory: Historical, Clinical & Cognitive Perspectives

Instructor	Dr. Francesco Belardetti Room: Kenny 2527 fbelardetti@gmail.com * office hours: Wednesday 11am-12 noon or by appointment	Teaching Assistant	Samuel Rumak Room: 4342B CIRS s.rumak@psych.ubc.ca * office hours: TBD or by appointment
------------	---	-----------------------	--

* FYI: Emails that require more than a sentence or two will be answered with a “come see me about this” (this is true for both of us). Keep in mind that emails may not be returned for up to 48 hours.

Textbook *Learning and Memory: From Brain to Behavior* (2008 Edition) Gluck, Mercado & Meyers
One copy is on reserve at Koerner Library (2 hour loan)

Pre-Requisites Either (a) PSYC 100 or (b) all of PSYC 101, PSYC 102 or (c) 6 credits of 200-level Psychology (but not 205 or 263). Non-PSYC students may substitute LING 460 or LING 200 and 201 for the above prerequisite.

Objectives The primary objective of this course is to acquaint students with a range of topics within the major areas of human memory by:

- Exploring the basic categories of memory and their clinical implications
- Reviewing the neural correlates for memory processes
- Exploring simple mathematical, network, and animal models of memory in support of theoretical understanding
- Discussing the applications of current knowledge to real world issues and
- Considering new important findings from primary research that have the potential to radically alter the way we think about memory

Vista WebCT Login to www.vista.ubc.ca. You are responsible for announcements posted on Vista. I will post my lecture slides to Vista under Course Content > Lecture Slides. In most cases this will be done the day before a lecture, but I reserve the right to post the lecture slides after the lecture. In addition, my lecture slides will be mostly images and sparse in text, so regular attendance will be required to get a good grade.

Behavior If you are chatting during the lecture I will ask you to be quiet and I may ask you to leave. Disruptive behavior of any kind disturbs your classmates and it is disrespectful. For the same reasons you should arrive on time and ready to work, and be prepared to stay until the end. If you frequently violate these policies you may be singled out to meet me privately to explain yourself, and will be penalized 2% in terms of class participation marks for each meeting.

Evaluation

Appraisal Tool	Points	Dates
Midterm	30%	October 10 & 12
Essay	20%	November 26
Final	50%	TBA: December Exam Period
Base Points Available:	100%	
HSP Bonus Credit *	3%	
* Please note that the HSP credit will be added at the end of term ABOVE and BEYOND the final assessed grade, and AFTER any scaling that may have been applied		

Exams

The midterm will consist of multiple-choice questions (Oct 10) and three short-essays (Oct 12). The final exam will consist of multiple-choice questions only and will be cumulative, with an emphasis on material covered since the midterm. Both exams will be based on lecture material and the required readings.

On the exam day, please do the following:

- **Bring your Student card or other picture ID**
- Bring at least one HB pencil
- Be sure to arrive on time since no additional time is given to students who arrive late

NOTE: If you fail to fill the scantron with your ID number or answers (i.e. you haven't transferred the answers from the booklet to the scantron) by the end of the test period, you will be given time to do so at a penalty of 5% of your exam grade per minute (or part thereof) required.

Midterms are available for review during TA Samuel Rumak office hours once the grades have been posted, and will be available for review until the last day of classes. Please contact Samuel directly if you wish to review your midterm but cannot make it to his regular office hours.

Essay

You will be asked to describe a metaphor for memory, and create arguments that both support and refute the validity of the metaphor. The essay should be between 1000 and 1200 words. The specific details regarding the essay are available on Vista under Course Content > Important Documents > Essay.pdf

In class hardcopy submission is required to avoid late deductions. Late deductions start at the end of class (10:50am) on Nov 26 for the hardcopy (paper) submission of your essay, and late deductions for your turnitin.com submission will begin at 12:00am Nov 27,

Credit Points:
Experiment
Participation

One way to learn more about psychology is to be a participant in ongoing research projects. You may earn up to 3 extra credit points (for a possible 3% added to your final grade) toward your course grade by participating in studies that are posted on <https://hsp.psych.ubc.ca/>. Please register in this online system BY THE END OF SEPTEMBER. You can also earn your first half hour of credit by completing the pretesting survey that will make you eligible for a wider variety of studies. Please note that in a given term, you can earn no more than one hour of credit for online studies (not including the pretesting). If you intend for credit points to be applied to your grade in PSYC 333, you must assign them to this course NO LATER THAN TWO WEEKS BEFORE THE LAST DAY OF CLASSES. Any points that remain unassigned past this deadline will not contribute to your grade in PSYC 333

Credit Point: As an alternative to participating in studies, you may choose to complete library-writing projects, in which you read and summarize a research article; each article summary counts as one hour of research participation. If you choose the library option, you must notify Dr. Belardetti at least 15 days before the last day of class. More information about this option can be found at: <http://www.psych.ubc.ca/resguide.psy>. All of your credits for study participation or the library option will be added to your final course grade, after any scaling that may have been applied. Note that credit points for a term paper are assessed INSTEAD of experimental participation; it is not possible to earn extra credit for both.

Grades Scaling The Department of Psychology has a policy regarding grade distribution in Psyc 300-level courses: Class averages must range from 66%-69% with a standard deviation of 13%. Faculties, departments and schools reserve the right to scale grades in order to maintain equity among sections and conformity to university, faculty, department or school norms. Grades are not official until they appear on a student's academic record.

Missed/Late Assignment or Exam Policy NON-EMERGENCY TRAVEL INCLUDING TRAVEL FOR VARSITY SPORTS OR EXTRACURRICULAR EVENTS ARE NOT VALID EXCUSES FOR MISSING AN ASSIGNMENT OR EXAM.

All excuses are only subject to acceptance if you have notified your instructor via email prior to the due date (assignment) or start of the exam. You will only be excused from missing an assignment or exam if you have documentation with your name on it and a date that is within +/- one day of the missed assignment or exam. Documentation may come from your doctor, counselor/therapist/psychiatrist, or may be in the form of a request for "Academic Concession" from Arts Academic Advising. All documentation must be personally presented to the instructor within ten days of the missed assignment/exam.

If you miss the midterm or the essay with a documented & valid excuse, the weight of the exam/assignment will be transferred to the final exam. Unexcused late essays will not be accepted.

Psychology Department's Position on Academic Misconduct: Cheating, plagiarism, and other forms of academic misconduct are very serious concerns of the University, and the Department of Psychology has taken steps to alleviate them. In the first place, the Department has implemented software that can reliably detect cheating on multiple-choice exams by analyzing the patterns of students' responses. In addition, the Department subscribes to *TurnItIn*--a service designed to detect and deter plagiarism. All materials (term papers, essays, etc.) that students submit for grading will be scanned and compared to over 5 billion pages of content located on the Internet or in TurnItIn's own proprietary databases. In all cases of suspected academic misconduct, the parties involved will be pursued to the fullest extent dictated by the guidelines of the University. Strong evidence of cheating or plagiarism may result in a zero credit for the work in question. According to the University Act (section 61), the President of UBC has the right to impose harsher penalties including (but not limited to) a failing grade for the course, suspension from the University, cancellation of scholarships, or a notation added to a student's transcript. All graded work in this course, unless otherwise specified, is to be original work done independently by individuals. If you have any questions as to whether or not what you are doing is even a borderline case of academic misconduct, please consult your instructor. For details on pertinent University policies and procedures, please see Chapter 5 in the UBC Calendar (<http://students.ubc.ca/calendar>).

Tentative Course Schedule

This plan is subject to change. Changes will be announced in class and posted on Vista.

Week	Date	Topic	Required Reading	Notes
1	Sep 3	Labour Day		no class
	Sep 5	Syllabus/Historical Perspectives	Ch: 1-18	
	Sep 7	Historical Perspectives	Ch 1: 18-28	
2	Sep 10	Historical Perspectives	Ch 1: 28-38	
	Sep 12	A Neural Basis for Memory	Ch 2: 44-52	
	Sep 14	A Neural Basis for Memory	Ch 2: 52-65	
3	Sep 17	A Neural Basis for Memory	Ch 2: 65-77	
	Sep 19	Declarative: Episodic & Semantic	Ch 3: 83-93	
	Sep 21	Declarative: Episodic & Semantic	Ch 3: 93-107	
4	Sep 24	Declarative: Episodic & Semantic	Ch 3: 107-115	
	Sep 26	Non-Declarative: Classical Conditioning	Ch 7: 243-252	
	Sep 28	Non-Declarative: Classical Conditioning	Ch 7: 253-265	
5	Oct 1	Non-Declarative: Classical Conditioning	Ch 7: 271-280	
	Oct 3	Emotional Learning & Memory	Ch 10: 381-394	
	Oct 5	Emotional L&M - Squire's Memory Taxonomy	Ch 10: 394-399	Review for Midterm
6	Oct 8	Thanksgiving Day		no class
	Oct 10	MIDTERM: PART 1		multiple choice
	Oct 12	MIDTERM: PART 2		short essays
7	Oct 15	Emotional Learning & Memory	Ch 10: 399-412	
	Oct 17	Emotional Learning & Memory	Ch 10: 412-417	
	Oct 19	Sensory Memory: Short-Term	Ch 5: 169-176	
8	Oct 22	Short-Term & Working Memory	Ch 5: 177-186	
	Oct 24	Short-Term & Working Memory	Ch 5: 187-193	
	Oct 26	Neural Mechanisms of Working Memory - Clinical Perspectives	Ch 5: 193-199	
9	Oct 29	Non-Declarative: Non-Associative	Ch 6: 205-211	
	Oct 31	Non-Declarative: Non-Associative	Ch 6: 211-219	
	Nov 2	Neural Mechanisms of Non-associative Memory	Ch 6: 219-227	
10	Nov 5	Non-declarative: Skills	Ch 4: 125-136	
	Nov 7	Non-declarative: Skills	Ch 4: 136-144	
	Nov 9	Non-declarative: Skills, Mechanisms	Ch 4: 144-155	Instructions for essay will be discussed
11	Nov 12	Remembrance Day		no class
	Nov 14	Non-declarative: Skills, Clinical Perspective	Ch 4: 158-164	
	Nov 16	Memory & Sleep		
12	Nov 19	Reconsolidation		
	Nov 21	Aging & Memory	Ch 12: 464-479	
	Nov 23	Aging & Memory	Ch 12: 479-490	
13	Nov 26	Amnesia: Long- and Short-Term	Ch 3: 115-118	Essay due
	Nov 28	Clinical perspective: Down syndrome	Ch 12: 490-492	
	Nov 30	Clinical perspective: Alzheimer's disease	Ch 12: 492-497	
	TBA	* FINAL: covers lecture material AND required readings		

* The final exam will be scheduled during the regular December exam period, December 5 - 19, 2012, dates both inclusive

To avoid an unexcused absence, **DO NOT MAKE TRAVEL PLANS DURING THAT PERIOD** until the schedule is posted at Thanksgiving