

PSY372H5S - Human Memory

Mondays and Wednesdays: 10:00am – 1:00pm

Room Location: IB 250 (Instructional Centre)

Contact Information

Dr. Keisuke Fukuda

keisuke.fukuda@utoronto.ca

Office: CCT 4067

Office Hours: Mondays 4-5 or by appointment

Teaching Assistants:

Caitlin Tozios

caitlin.tozios@mail.utoronto.ca

Madeleine Yu

madeleine.yu@mail.utoronto.ca

Course Description

Our life hinges on our ability to encode perceptual information around us (e.g., what’s in the fridge now) and build our own interpretation of the world in our mind (e.g., need to buy milk, eggs, etc) so that we can retrieve the information later in time when we need them (e.g., at the grocery store). How do our mind and brain work to support this fundamental yet complex mental ability? In this course, you will learn how human memory works from key classical findings and theories in cognitive psychology as well as from more recent advances in cognitive neuroscience. In addition, this course is structured to adapt to your own interest as it emerges throughout the course and to build up your skill to communicate scientific findings that are interesting to you. So, apply yourself! Prerequisite: PSY201H5/equivalent, 252H5/290H5/295H5, 270H5

Reading Material

Title: Memory

Author(s): Alan Baddeley, Michael W. Eysenck, Michael C. Anderson

Publisher: Psychology Press; 2 edition (Nov. 25 2014)

Selected research articles and chapters posted on the course Quercus.

Course Evaluation

Exams & Assignment	Date	%
Term Test 1	7/22	35%
Final Exam	TBD	35%
Oral presentation	7/24-8/12	30% together with Reaction papers.
2 Reaction papers	7/24-8/12	30% together with Oral presentation

Term tests and final exam: The term test will cover the materials presented and discussed in the lectures. The term test (7/17) will cover the materials in lectures 1-5. The final exam (TBD) is cumulative and it will cover all the materials discussed in the course.

Oral presentation: You are required to deliver a 5-minute oral presentation of a relevant paper of your choice to the class. In preparation, you are required to select the paper that you would like to present from the list provided and get my approval 2 weeks before the presentation date. The presentation dates will be assigned in the first two weeks of the class.

Reaction papers: You are required to submit two 3-page long reaction papers to your classmates' presentations. In the reaction paper, you will choose at least two papers that were presented over two presentation days (i.e., at least one paper from each presentation day) and 1) summarize the designs and the results of them and 2) provide synergistic discussion and your own interpretation of them. You will be turning in your reaction papers online on Quercus. Your assignment will be screened for plagiarism using "Turnitin" function. Please read the following statement for the disclaimer: "**Normally, students will be required to submit their course essays to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site**".

Course Webpage

The website associated with this course is accessible via <http://q.utoronto.ca>

Note: You don't need to create a new login for Quercus; it already knows who you are. You just need your UTORid and password. This is the same login that gets you onto the wireless network with your laptop, and the same one that you use to check your email. If you're confused about your UTORid or don't remember your password, go to: <https://www.utorid.utoronto.ca/>

In order to access course material, monitor course information, and view your grades you must log into Quercus. If you have any general questions regarding Quercus, please visit the following help site: <https://q.utoronto.ca/courses/46670/pages/student-quercus-guide>

IMPORTANT COURSE POLICIES **PLEASE READ**

Special Consideration Process for Missed Term Work

Students who require special consideration for missed term work due to circumstances beyond their control (e.g. illness or an accident, etc) can request that the department grant them special consideration. You must present your case to the Department (**not the Instructor**) by completing an online Special Consideration Request. The request can be submitted using the online form at <https://utmapp.utm.utoronto.ca/SpecialRequest>.

Students can **NOW** formally self-declare an absence (of up to 3 consecutive days) from academic participation. This declaration must be performed on **ACORN**, and replaces* the previous procedure of submitting a Verification of Illness or Injury form that has been endorsed by one of the following licensed practitioners: dentist; nurse/nurse practitioner; physician/surgeon; psychologist; psychotherapist; or social worker; registered and licensed in the Province of Ontario. **Declare your absence on ACORN on the day of or the day after the first date of absence.**

If you require accommodation for missed term work due to medical illness or injury lasting **more than 3 days**, you must then use the standard [Verification of Illness or Injury form](#) signed by a licensed practitioner. This

form is to be brought to Jodie Stewart, Academic Counsellor located in the Psychology Office (Deerfield Hall, 4th Floor) or dropped in the drop-box located outside the Psychology Office.

If you missed your test/assignment deadline for a reason connected to your registered disability, please be advised the department will accept documentation supplied by the UTM AccessAbility Resource Centre.

You have up to three (3) days from the date of the missed test or assignment due date to submit your request online. (**late requests will NOT be considered without a "letter of explanation" as to why the request is late**).

You will receive a decision of your request from the department via email. You can also check your status by logging into the Special Consideration on-line form. <https://utmapp.utm.utoronto.ca/SpecialRequest>.

Note: It is your responsibility to ensure your email account is working and able to receive emails. Claims that a departmental decision was not received will **NOT** be considered as a reason for further consideration. Contact the Academic Counsellor should you NOT receive notification of your decision within 2 weeks of submission.

Missed Test Course Policy

If your request is approved by the department, the value of the test will be redistributed to the final examination (or explain distribution)

IMPORTANT NOTES AND POLICIES

- You may declare a maximum of (**TWO**) absences (and up to three days in duration for each absence) per course, per term, using the "Self-Declaration of Student Illness" process on **ACORN**.
- The department is responsible for deciding what academic accommodations (if any) will be made.
- It is your responsibility to follow the appropriate procedures and submit requests for special consideration on time. Failure to do so may result in your request being DENIED.
- False statements and/or documentation will be treated as Academic Offences and handled accordingly.

For further information on this process please see:

<http://www.utm.utoronto.ca/psychology/undergraduate-studies/missed-testslate-submissions>

Penalties for Lateness

A penalty of 10% per calendar day (i.e., including week-ends and holidays, during which students are not able to submit term work) up to and including the last day of classes, will be applied by the Instructor. After the last day of classes, the penalty of 10% per calendar day will be applied by the Undergraduate Counsellor on behalf of the Department. No penalty will be assigned if request for special consideration, described above, was successful.

Academic Guidelines

It is your responsibility to ensure that you have met all prerequisites listed in the UTM Calendar for this course. If you lack any prerequisites you **WILL BE REMOVED** from the course up until the last day to add a course. Further information about academic regulations, course withdrawal dates and credits can be found in the University of Toronto Mississauga Calendar at: <http://www.erin.utoronto.ca/regcal/>.

You are encouraged to read this material. If you run into trouble and need advice about studying, preparing for exams, note taking or time management, free workshops and advice are available from the Robert Gillespie Academic Skills Centre at 905-828-5406.

AccessAbility Services

Students requiring academic accommodations for learning, physical, sensory, or mental health disabilities or

medical conditions should contact the AccessAbility Office (2037B Davis Building), 905-828-3847.
<http://www.utm.utoronto.ca/accessability/>

Academic Honesty and Plagiarism

Honesty and fairness are considered fundamental to the university's mission, and, as a result, all those who violate those principles are dealt with as if they were damaging the integrity of the university itself. When students are suspected of cheating or a similar academic offence, they are typically surprised at how formally and seriously the matter is dealt with -- and how severe the consequences can be if it is determined that cheating did occur. The University of Toronto treats cases of cheating and plagiarism very seriously. Please take the time to review the Academic Integrity website: <http://www.utm.utoronto.ca/academic-integrity/students>.

- Common trends in academic offences:
- Plagiarizing/concocted references
- Collaboration/unauthorized assistance
- Purchasing work
- Recycling work - "double-dipping"
- Resubmitting of altered work for re-grading
- Electronic devices (cell phones) or any unauthorized aids
- Altering medical certificates and UofT documents

From the Code of Behaviour on Academic Matters: "It shall be an offence for a student to knowingly: represent as one's own any idea or expression of an idea or work of another in any academic examination or term test or in connection with any other form of academic work, i.e. to commit plagiarism. Wherever in the Code an offence is described as depending on "knowing", the offence shall likewise be deemed to have been committed if the person ought reasonably to have known." All students must refer to this website to obtain information on what constitutes plagiarism. <http://www.writing.utoronto.ca/advice/using-sources/how-not-to-plagiarize>. If questions arise after reading the material on the website, consult your instructor.

Plagiarism will not be tolerated.

Academic Rights

You, as a student at UTM, have the right to:

- Receive a syllabus by the first day of class.
- Rely upon a syllabus once a course is started. An instructor may only change marks' assignments by following the University Assessment and Grading Practices Policy provision 1.3.
- Refuse to use turnitin.com (you must be offered an alternative form of submission).
- Have access to your instructor for consultation during a course or follow up with the department chair if the instructor is unavailable.
- Ask the person who marked your term work for a re-evaluation if you feel it was not fairly graded. You have up to one month from the date of return of the item to inquire about the mark. If you are not satisfied with a re-evaluation, you may appeal to the instructor in charge of the course if the instructor did not mark the work. If your work is remarked, you must accept the resulting mark. You may only appeal a mark beyond the instructor if the term work was worth at least 20% of the course mark.
- Receive at least one significant mark (15% for H courses, 25% for Y courses) before the last day you can drop a course for H courses, and the last day of classes in the first week of January for Y courses taught in the Fall/Winter terms.
- Submit handwritten essays so long as they are neatly written.
- Have no assignment worth 100% of your final grade.
- Not have a term test worth 25% or more in the last two weeks of class.

- Retain intellectual property rights to your research.
- Receive all your assignments once graded.
- View your final exams. To see a final exam, you must submit an online Exam Reproduction Request within 6 months of the exam. There is a small non-refundable fee.
- Privacy of your final grades.
- Arrange for representation from Downtown Legal Services (DLS), a representative from the UTM Students' Union (UTMSU), and/or other forms of support if you are charged with an academic offence.

Equity Statement

The University of Toronto is committed to equity and respect for diversity. All members of the learning environment in this course should strive to create an atmosphere of mutual respect. As a course instructor, I will neither condone nor tolerate behaviour that undermines the dignity or self-esteem of any individual in this course and wish to be alerted to any attempt to create an intimidating or hostile environment. It is our collective responsibility to create a space that is inclusive and welcomes discussion. Discrimination, harassment and hate speech will not be tolerated. If you have any questions, comments, or concerns you may contact the UTM Equity and Diversity officer at edo.utm@utoronto.ca or the University of Toronto Mississauga Students' Union Vice President Equity at vpequity@utmsu.ca.

Course Outline

Date	Topic	Readings	Assignment Due
7/3	Introduction to Human Memory	Refer to Quercus	Submit your preference for presentation paper by 7/5!
7/8	Short-term and Working Memory	Refer to Quercus	
7/10	Long-term Memory	Refer to Quercus	Presentation papers finalized.
7/15	Memory Control	Refer to Quercus	
7/17	Working with Memory + How to present a research paper	Refer to Quercus	
7/22	Term test1	Refer to Quercus	
7/24	Recent advances in Short-term and working memory research. Presentation1: Short-term and Working Memory	TBD	
7/29	Recent advances in long-term memory research. Presentation2: Long-term Memory	TBD	
7/31	Recent advances in memory control research. Presentation3: Memory Control	TBD	Due for Reaction paper 1.
8/7	Recent advances in working with memory research. Presentation4: Working with Memory	TBD	
8/12	Memory research in the future Presentation5: TBD	TBD	Due for Reaction paper 2.

Final exam: During exam period, it is the student's responsibility to be available for the entire exam period.