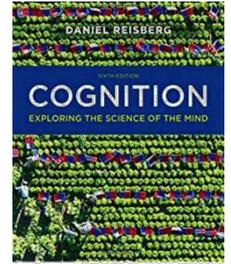


**Psych 2H03: Human Learning and Cognition  
Winter 2018**



**Instructor:** Dr. Ellen MacLellan

**Email:** [maclele@mcmaster.ca](mailto:maclele@mcmaster.ca)

**Phone:** 905 525---9140 x24824

**Office Hours:** By appointment

**Teaching Assistants:** Tammy Rosner (rosnertm@mcmaster.ca)  
Portia Kalun (kalunp@mcmaster.ca)  
Hanna Haponenko (haponenh@mcmaster.ca)

**TA Office Hours** will be held three times a week in the Psychology Building Lobby at the following times:

Monday – 1:30-2:20 (Hanna)

Wednesday – 9:30-10:20 (Portia)

Friday – 11:30-12:20 (Tammy)

**Emailing:** Please use only your McMaster email address when emailing the course instructor and teaching assistants. Other addresses often get spam filtered, and will never be read. Please do not send email directly from Avenue unless you set the “reply to” your McMaster email address. Please include 2H03 in your subject line.

**Classes:** Monday, Wednesday and Thursday, 4:30---5:20 pm, in JHE 376.

**Avenue:** The course website is available to registered students by logging into Avenue to Learn: <http://avenue.mcmaster.ca>. You will need to learn how to use Avenue to access the course content, announcements, and discussions. All PowerPoint slides from the lectures will be made available on Avenue as pdfs, before lecture if possible. It is your responsibility to keep up to date with class announcements made on Avenue.

**Note:** Students should be aware that, when they access the electronic components of this course, private information such as first and last names, user names for the McMaster email accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used. Continuation in this course will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure, please discuss this with the course instructor.

**Course content:** In this course you will be introduced to the major themes in the field of Cognitive Psychology, including topics in perception, attention, memory, concepts, language, imagery, and problem solving and reasoning.

**Required Text:**

Reisberg, D. (2016). Cognition: Exploring the Science of the Mind. 6<sup>th</sup> Edition.

**Note:** The ZAPS software that accompanies the textbook is not required. There are electronic versions of the text available to buy or rent.

### **Lecture i<clicker Points:**

During lecture you will be given the opportunity to earn i<clicker points. The total number of points earned throughout the term will determine your final course participation grade.

### **Register your i<clicker:**

To register your i<clicker, go to:

<https://www.iclicker.com/remote-registration-form-for-classic>

Your student ID is your MACID that you will use to login to avenue (the first part of your McMaster email address). Failure you to bring your personal i<clicker to class, or failure to register it properly, will result in a grade of zero being assigned for the relevant lecture.

### **Evaluation:**

The assessment for this course will be based, in part, on three midterms, worth 35% in total, and a cumulative final worth 40%. All exams will be multiple---choice format.

Midterms 1, 2 and 3 will be held in the regular classroom, during Thursday's scheduled lecture time. Midterms will be held on February 1, March 1 and March 29. The cumulative final will be held during the exam period and will be scheduled by the registrar's office. **You must write the final exam to pass the course.**

**Note:** Students will be responsible for all material covered in lectures, as well as the material in the textbook.

Two assignments, each worth 5% of the final course grade, will be described in detail in a separate document.

10% of the course grade will be based on in---class participation.

In addition, you will be required to participate in up to 2 experiments, worth 5% (2.5% each of your final grade).

### **Summary:**

Midterms:  $10\% + 12.5\% + 12.5\% = 35\%$

Assignment 1: 5%

Assignment 2: 5%

Cumulative Final: 40%

Experiment participation: 5%

Class participation: 10%

Total = 100%

### **Missed or Late Assessment:**

If an absence for assessment has been registered, you **MUST** contact the instructor as soon as possible.

If you miss a midterm, and submit an MSAF, you must contact the professor immediately. There will be **NO** reweighting of exams. You will be required to write a makeup exam, to be scheduled within a week of the missed exam.

If you miss a midterm without either an MSAF or by prior arrangement with the instructor, you will receive zero for that exam.

### **McMaster Student Absence Form (MSAF):**

In the event of an absence for medical or other reasons, students should review and follow the Academic Regulation in the Undergraduate Calendar “Requests for Relief for Missed Academic Term Work”.

- The MSAF should be used for medical and non-----medical (personal) situations.
- Approval of the MSAF is automatic (i.e. no documentation required)
- The timeframe within which the MSAF is valid is 3 days.
- The upper limit for which an MSAF is less than 25% of the course weight.
- There is a limit of one MSAF per term.

### **Experimental Participation:**

You will have the opportunity to earn 2 research participation credits, worth up to 5% of your final grade (1 credit = 2.5 points).

**Note:** If you do not wish to participate as a research subject for any reason, you may still earn your research participation credit by *observing* experiments. If you would like to choose this option, please see the course coordinator, Dr. Michelle Cadieux, in PC 110.

**SONA:** The system that the department uses to track research participation is called Sona, which can be accessed at <https://mcmaster.sona-----systems.com>. To access Sona for the first time, select the “Request Account” option on the right of your screen and enter your name, student number, and McMaster email address. You will also be asked to pick your courses. Please select Psych 2H03 from the list. After a short delay, you will receive an email from Sona with a username and temporary password that you can use to access the website. You should change your temporary password to something more memorable by selecting “My Profile”. Make sure your student number is entered correctly! Note: You must activate your McMaster ID before you can create a Sona account. To activate your ID, please go to [www.mcmaster.ca/uts/macid](http://www.mcmaster.ca/uts/macid)

## **Completing Your Research Participation Credit:**

When you log into Sona for the first time, you will be asked to fill out a short survey. This information is used filter out any experiments for which you are not eligible.

To register for an experiment, select “Study Sign-----Up” from the main Sona page. You will be presented with a list of currently available experiments, with a short description given about each. Before selecting an experiment, be sure to read the description carefully, making special note of any specific criteria for participation (for example, some experiments only allow females to participate, while others may require subjects who speak a second language). When you have found an experiment that you would like to participate in, select “View Time Slots for this Study” to view available timeslots, then select “Sign----- Up” to register for a time that fits your schedule. You will receive a confirmation email with the details of your selection. Be sure to write down the experiment number, experimenter name, location, and telephone extension from this email.

After you have completed an experiment, you will be given a paper slip verifying your participation. This slip is for your records only—in the event that an experiment is not credited to your Sona account, this slip is your proof of participation. Shortly after completing an experiment, you should notice that your Sona account has been credited by the experimenter.

**IMPORTANT:** Your participation in experiments is for the purpose of exposing you to various procedures used to investigate current issues in the field of cognition. It is therefore recommended that you select experiments that are relevant to the field of cognition. If in doubt, you can contact the experimenter to double-check. For educational purposes, at the end of the experiment, ask the experimenter the following questions:

**What is the research question being addressed?**

**What are the independent variables being manipulated?**

**What is the dependent variable(s) being measured?**

**What is the specific hypothesis?**

**Note:** If you fail to show up for two experiments, you will lose your option to complete the research participation credit. If you know in advance that you will be unable to attend a scheduled experiment, please contact the experimenter as soon as possible .

### Course Outline Below

Dates	Topic	Chapter
January 8	Foundations	1, 2
January 15	Perception	3, 4
January 22	Attention	5
January 29	Memory Acquisition/ Working Memory	6
February 1	<b>MIDTERM 1</b>	Chapters 1, 2, 3, 4, 5
February 5	Acquisition & Retrieval	7
February 12	Remembering Complex Events	8
February 19	MIDTERM RECESS	
February 26	Language	10
March 1	<b>MIDTERM 2</b>	Chapters 6, 7, 8
March 5	Concepts	9
March 12	Judgment and Reasoning	12
March 19	Problem Solving and Intelligence	13
March 26	Visual Knowledge	11

Continued on next page

Continued		
Dates	Topic	Chapter
March 29	<b>MIDTERM 3</b>	Chapters 9, 10, 12, 13
April 2	Conscious and Unconscious Thought	14
April 9	Last Class	Review
Exam Period	<b>FINAL EXAM</b>	All Chapters

**Changes in course outline:** Details of the course outline may be subject to change. If dates are altered, a revised course outline will be posted on the webpage and announced in class.

**Changes in course requirements:** Details of the course requirements may be subject to change. If requirements are altered, a revised course outline will be posted on the webpage and announced in class.

**Special Needs:** If you have special needs, please contact the instructor so accommodations can be made.

**Academic Integrity Policy:** It is your responsibility to be aware of the University Academic Integrity Policy. Cases of academic dishonesty include, but are not limited to: copying or the use of unauthorized aids in tests, examinations and laboratory reports; plagiarism, i.e., the submission of work that is not one's own; aiding and abetting another student's dishonesty giving false information for the purposes of gaining admission or credit; giving false information for the purposes of obtaining deferred examinations or extension of deadlines; and/or forging or falsifying McMaster University documents. Students who infringe on the resolutions of the University Academic Integrity policy will be treated according to the published policy.