

**Faculty of Health  
Department of Psychology  
HH/PSYC 3260 3.0 Section N  
COGNITION**

Time: Wed 11:30 – 2:30

Place: CLH G

Course Director: Dr. Norman Park

Office: Room 213 Behavioral Sciences Building

Office Hour: By appointment

Phone Messages: (416) 736-2100, X 22159

email: [npark@yorku.ca](mailto:npark@yorku.ca)

TAs: Ms Emily Barlow-Krelina ([embarlow.york@gmail.com](mailto:embarlow.york@gmail.com)) for students with surnames beginning with A to M); Ms Hilda Ho ([hildaho@yorku.ca](mailto:hildaho@yorku.ca)) for students with surnames beginning with N to Z

**Note: All questions concerning the course should *first* be directed to a TA. If he or she cannot answer the question he or she will forward your email to the course director.**

Required Text:

Sinnett, S., Smilek, D., & Kingstone, A. (2016). Cognition, 6<sup>th</sup> edition. Oxford

Recommended Text:

Smith, E. E., & Kosslyn, S. M. (2007). Cognitive psychology: Mind and brain. Prentice Hall, Upper Saddle River, New Jersey (or current edition). ISBN 0-13-182508-9

This book is not required, but it does provide interesting and useful supplementary information, some of which will be presented in class.

Course website: [http://www.yorku.ca/npark/cognition\\_w\\_17/](http://www.yorku.ca/npark/cognition_w_17/)

Course Prerequisite(s): Course prerequisites are strictly enforced.

- HH/PSYC 1010 6.00 (Introduction to Psychology), with a minimum grade of C.

Course Description and Objectives:

This course will examine a range of cognitive processes and will consider the experimental evidence that has helped to guide the development of theoretical formulations of how people perceive, understand, store, retrieve, and act on information. We will examine different conceptualizations of cognition and review experimental evidence from cognitively unimpaired and patient populations.

Laboratory and/or classroom demonstrations will be conducted in order to clarify the methods, findings, and theories under discussion. During these demonstrations, students will act as research participants and may provide data for analysis.

The 3-hour class period will encompass some combination of lecture, activities, and breaks. Depending on the number of topics covered in a given lecture and the mood of the class, we will sometimes have a single 15-minute break in the middle; other times, there will be two 10-minute breaks.

Each class is intended to be interesting and enjoyable. Class attendance is important. The material in the lectures is challenging and your understanding of it will be made easier if you are there. Every two weeks, provided there is time, I will lead a review of material covered in the two most recent lectures. This review will help you prepare for the quiz that will be held in the following week. Questions regarding material from the text book should be directed to the TA. If you miss a class it is your responsibility to find out what you missed and borrow notes from a fellow student.

Material presented in class--from lectures, films, and research demonstrations—will be included on the exams as will material from the required text and selected readings.

#### Learning Outcomes:

Upon completion of this course, students should be able to:

1. Demonstrate in-depth knowledge in cognition.
2. Articulate trends in cognitive psychology.
3. Express knowledge of cognitive psychology in written form.
4. Describe and explain limits to generalizability of research findings in cognitive psychology.
5. Demonstrate ability to relate information about cognitive psychology to own and others' life experiences.

#### Course Evaluation:

There will be five quizzes held during the scheduled class sessions and a final exam held during the scheduled exam period. The quizzes and the final exam will consist of multiple-choice and short-answer questions. The five quizzes together count for 60% and the final counts for 40% of your final grade. Each quiz will last about 30 minutes and will test lecture material and readings from the previous two weeks. The final exam will cover all the course material. Your quiz grade will be calculated by determining the average of your three best scores from your quizzes

(e.g., 60%, 80%, 70%, 0%, 55%); quiz grade = 70%). There will be no opportunity to write a makeup quiz. If you miss a quiz your grade for that quiz will be 0% so it is in your best interest to write all the quizzes. Please note that if you do not write any quizzes prior to the drop date, you will have waived your right to receive feedback on your performance in this course prior to the drop date.

Your grade for this course will be based on the following scale:

<u>Percentage</u>	<u>Letter Grade</u>	<u>Percentage</u>	<u>Letter Grade</u>
90 - 100	A+	60 - 64	C
80 - 89	A	55 - 59	D+
75 - 79	B+	50 - 54	D
70 - 74	B	40 - 49	E
65 - 69	C+	0 - 39	F

note: E and F are both failing grades.

Grading as per Senate Policy:

The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.). Assignments and tests\* will bear either a letter grade designation or a corresponding number grade (e.g. A+ = 90 to 100, A = 80 to 90, B+ = 75 to 79, etc.)

(For a full description of York grading system see the York University Undergraduate Calendar - <http://calendars.students.yorku.ca/2016-2017/academic-and-financial-information/academic-services/grades-and-grading-schemes>)

Add/Drop Deadlines:

For a list of all important dates please refer to: [Important Dates](#)

<b>Important dates</b>	<b>Winter (W)</b>
Last date to add a course <b>without</b> permission of instructor (also see Financial Deadlines)	Jan. 18
Last date to add a course <b>with permission</b> of instructor (also see Financial Deadlines)	Feb. 1
Last date to drop a course without receiving a grade (also see Financial Deadlines)	March 10
Course Withdrawal Period (withdraw from a course and receive a "W" on the transcript)	March 11 - Apr. 5

### MISSING THE FINAL EXAM:

If you have a legitimate excuse (e.g., death in the family, severe illness, etc.) for being excused from the final exam, you must provide me with a **copy** of the documentation as soon as you can. You need to keep the original. If you miss the final exam with no legitimate excuse, you will receive a grade of zero. No individualized testing is available unless arranged formally through one of the offices at the University (e.g., Counseling and Development Centre, Faculty of Arts).

### Important note:

It is the responsibility of the student to ensure that courses are selected in accordance with current degree/certificate and program requirements. Candidates are required to satisfy all the co-and prerequisite(s) for courses selected for enrolment.

### Cheating:

DON'T DO IT!! The University does not look favourably on cheating of any kind, and the penalties are very harsh for doing so. Become familiar with the rules and regulations regarding cheating/plagiarism. These are published in the Undergraduate Programme Calendar.

### Academic Integrity for Students:

York university takes academic integrity very seriously, please visit [an overview of Academic Integrity at York University](#) from the Office of the Vice-President Academic.

The following links will assist you in gaining a better understanding of academic integrity and point you to resources at York that can help you improve your writing and research skills:

- [Information about the Senate Policy on Academic Honesty](#)
- [Online Tutorial on Academic Integrity](#)
- [Information for Students on Text-Matching Software: Turnitin.com](#)
- [Beware! Says who? A pamphlet on how to avoid plagiarism](#)
- [Resources for students to help improve their writing and research skill](#)

### Test Banks:

The offering for sale of, buying of, and attempting to sell or buy test banks (banks of test questions and/or answers), or any course specific test questions/answers is not permitted in the Faculty of Health. Any student found to be doing this may be considered to have breached the Senate Policy on Academic Honesty. In particular, buying and attempting to sell banks of test questions and/or answers may be considered as "Cheating in an attempt to gain an improper advantage in an academic

evaluation” (article 2.1.1 from the Senate Policy) and/or “encouraging, enabling or causing others” (article 2.1.10 from the Senate Policy) to cheat.

#### Electronic Devices During a Test/Examination:

Electronic mobile devices of any kind are not allowed during a test or examination. Students are required to turn off and secure any electronic mobile device in their bag which is to be placed under the chair while a test/exam is in progress. Any student observed with an electronic device during a test/exam may be reported to the Undergraduate Office for a potential breach of Academic Honesty.

#### Academic Accommodation for Students with Disabilities:

While all individuals are expected to satisfy the requirements of their program of study and to aspire to do so at a level of excellence, the university recognizes that persons with disabilities may require reasonable accommodation to enable them to do so.

The [York University Accessibility Hub](#) is your online stop for accessibility on campus. The [Accessibility Hub](#) provides tools, assistance and resources. Policy Statement

**Policy:** York University shall make reasonable and appropriate accommodations and adaptations in order to promote the ability of students with disabilities to fulfill the academic requirements of their programs.

The nature and extent of accommodations shall be consistent with and supportive of the integrity of the curriculum and of the academic standards of programs or courses.

Provided that students have given sufficient notice about their accommodation needs, instructors shall take reasonable steps to accommodate these needs in a manner consistent with the guidelines established hereunder.

For Further Information please refer to: [York university academic accommodation for students with disabilities policy](#)

#### Course Materials Copyright Information:

These course materials are designed for use as part of the PSYC 3260 3.0N course at York University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as book chapters, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law.

Copying this material for distribution (e.g. uploading material to a commercial third-party website) may lead to a violation of Copyright law. [Intellectual Property Rights Statement](#)

## COURSE OUTLINE: WINTER TERM

<u>Date</u>	<u>Topic</u>	<u>Reading</u>
Jan 11	Introduction to cognitive psychology	Ch. 1
Jan 18	Cognitive neuroscience, Rev*	Ch. 2
Jan 25	Attention, Quiz 1**	Ch. 4
Feb 1	Semantic memory, Rev*	Ch. 3, 8
Feb 8	Working memory, Quiz 2	Ch. 5
Feb 15	Executive processes, Rev*	
Feb 22	No class	
Mar 1	Encoding and retrieval from LTM, Quiz 3	Ch. 5, 6
Mar 8	Neuroscience of memory, Rev*	Ch. 5, 6
Mar 15	Decision making, Quiz 4	Ch. 11
Mar 22	Cognition and memory for purposeful action, Rev*	
Mar 29	Consciousness, Quiz 5	Ch. 13
Apr 5	Review	

Rev\* = Review

\*\* Note: Each quiz covers material from the previous two lectures and from the chapters associated with the previous two lectures. For example, quiz 1 covers the lectures presented on January 11 and January 18 and material in chapters 1 and 2. Quiz 3 covers the lectures presented on February 8 and 15 and chapter 5.