

YORK UNIVERSITY - FACULTY OF HEALTH
PSYC 3260 Section M
COGNITION
Winter 2017 Fridays 2:30 – 5:30pm Curtis Lecture Hall G

Course Director: Dr. Casper de Boer
Email: deboerc@yorku.ca *
Office: Sherman 2010, Thursdays 9am- 11am (or by appointment)

TA: Sang-Ah Yoo
Email: sangahy@yorku.ca *
Office hours TBA

* When sending an email to the Course Director or TA, please make sure to include the course code in the subject line. This will ensure that we read your email.

Course Secretary: Agnes Levstik
Tel: 416-736-5125
Office: BSB 261

Course credit exclusions: AK/PSYC 3135 3.00 (prior to Summer 2002), and GL/PSYC 3370 3.00

Prerequisites: AK/AS/HH/SC/PSYC 1010 6.00 or AK/HH/PSYC 2410 6.00, with a minimum grade of C **

**It is your responsibility to ensure that courses are selected in accordance with current degree/certificate and program requirements. You are required to satisfy all the prerequisites for the course. Course prerequisites are strictly enforced.

Course description: This course focuses on higher-order cognitive processes in humans. In particular, we will examine the cognitive mechanisms involved in perception, attention, memory, language, problem-solving, and decision making. This course will present theories, models, empirical studies, and everyday applications of these cognitive processes.

Learning outcomes:

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

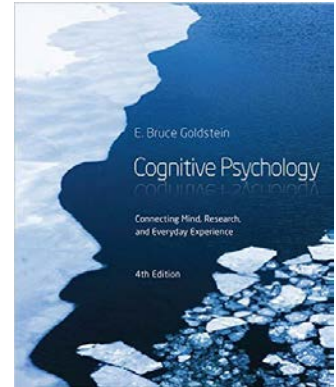
1. Demonstrate in-depth knowledge in cognition.
2. Articulate trends in cognitive psychology.
3. Express knowledge of cognitive psychology in written form.
4. Describe and explain limits to generalizability of research findings in cognitive psychology.

5. Demonstrate ability to relate information about cognitive psychology to own and others' life experiences.

Course objectives: Upon completion of the course, you will be able to identify, describe, and understand the primary psychological aspects of cognition. You will also be able to interpret empirical data in the context of these topics in cognition.

Required text:

Goldstein, B. E. (2015). Cognitive Psychology: Connecting Mind, Research, and Everyday Experience (4th Edition) – with accompanying CogLab 5.0 access.



You need to purchase a new CogLab 5.0 access code that comes with the textbook. Do not purchase a used access code!!!

Course evaluations:

Pop-up quizzes	15%
CogLab assignments	5%
Midterm exam	30%
Final exam	50%

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 - calendars.students.yorku.ca/2016-2017/academic-and-financial-information/academic-services/grades-and-grading-schemes)

Course outline:

The 3-hour class period will encompass a combination of lectures, in class experiments, and breaks. In some weeks, I will lecture for the entire 3-hour period. In other weeks, I will lecture for approximately 2 hours, and for the last hour, you will be given a pop-up quiz or the TAs will lead a review of the material covered in the most recent lectures.

Be prepared for the pop-up quizzes! There will be 5 of them, but I will not announce in advance when they are held. Therefore, make sure you come to all lectures, complete your readings in time, and finish the CogLab experiments by the assigned dates. The quizzes are meant to help you avoid cramming right before the exams, and will help you determine whether your studying progress is satisfactory to you or not.

I understand that sometimes life happens, and you have to miss class or are simply have a bad day. For this reason, we will only count the best 4 of 5 quiz marks for your final grade.

If you miss a class, it is your responsibility to find out what you missed and, if necessary, borrow notes from a fellow student.

All materials presented in class (lectures, video's, research demonstrations, activities, review sessions by the TAs) will be included in the exams. Material from the textbook and CogLab will also be included in the exams. Everything is fair game!

Important dates:

January 6	First day of class
January 18	Last day to join the course
February 1	Last day to add a course with permission of the instructor
March 10	Last day to drop the course without receiving a mark
March 11 - April 5	Course withdrawal period
February 18 - 24	Reading week
March 3	Midterm exam
March 6 - 10	Make up midterm exam (date TBA)
TBA	Final exam

Course timeline:

<u>Date:</u>	<u>Topic:</u>	<u>Reading:</u>
January 6	Introduction to Cognitive Psychology	Chapter 1
January 13	Cognitive Neuroscience	Chapter 2
January 20	Attention	Chapter 4
January 27	Perception & Visual Imagery	Chapters 3, 10
February 3	Short Term and Working Memory	Chapter 5
February 10	Guest Lecture: Dr. Lauren Sergio	TBA
February 17	Long Term Memory and Memory Errors	Chapters 6, 7, 8
February 24	Reading week	-
March 3	Midterm	-
March 10	Knowledge	Chapter 9
March 17	Language	Chapter 11
March 24	Problem Solving	Chapter 12
March 31	Judgment, Decisions, and Reasoning	Chapter 13
TBA	Final exam	-

CogLab assignments due dates:

The CogLab assignments provide you with the opportunity to participate in cognitive experiments related to the chapter readings. Please use the access code included with your textbook to access CogLab 5.0 online. Instructions on how to access Coglab will be discussed in class.

You are expected to complete the labs below by the deadlines. Those who do not complete the labs by the due date will receive a grade of 0% for that particular experiment. If you are having technical difficulties, please email us **before** the deadline!

Due date:	CogLab assignment:
January 19	Brain Asymmetry (#15)
January 26	Visual Search (#7), Spatial Cuing (#12)
February 2	Muller-Lyer Illusion (#6), Signal Detection (#1)
February 9	Memory Span (#24), Operation Span (#25)
March 9	Serial Position (#31), Encoding Specificity (#28)
March 16	Lexical Decision (#41), Prototypes (#46)
March 23	Word Superiority (#43), Categorical Perception (#39)
March 30	Monty Hall (#49)

If you have questions or concerns about any class content material, please consider posting your question at the class discussion forum on Moodle! You can help each other out. The TAs will also monitor this forum, and jump in for clarification if necessary.

Missing an exam

Bad things can happen to good people. If you have a legitimate excuse (e.g., severe illness, death in the family, car accident) for being excused from the exam, you must provide me with a copy of the documentation within one week of the exam. I will accept either a scanned copy or a photo of the documentation, sent directly to my email. For example, if you are severely ill, please get a doctor's note that is dated for the day of the exam (I will accept medical notes that are dated one day before or one day after the exam). Unfortunately, if you do not have a legitimate excuse or proper documentation, you will receive a grade of zero on the exam. This is something we all want to avoid happening. If you miss the midterm exam, there will be a make-up exam approximately one week after the original test date. You will be informed about the time and date and location as soon as possible. If you foresee that this make-up exam time will be a problem for you, please email me as soon as possible.

Being honest

I urge everyone to please not cheat during the quizzes or exams. We want you to truly learn from this course, and this includes studying for the exams and writing them without any unauthorized aids! Not only is it embarrassing to get caught, the university also does not look too favorably on cheating of any kind, and the penalties can be harsh. Don't risk it! You should consider reviewing the York Academic Honesty policy, or completing the interactive online tutorial for students on academic integrity: www.yorku.ca/tutorial/academic_integrity

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](#)

Religious and Accessibility Accommodation

If any of the dates specified in the course syllabus (including exam dates) are in conflict for you due to religious reasons, please contact me (Casper de Boer) within the first 3 weeks of class. Similarly, if you have certain accessibility needs, feel free to contact me at any time to discuss accommodations.

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 HH/PSYC 3260 3.0M 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.

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