

PSYC 221

Cognitive Psychology

Instructor: Dr. Yaroslav Konar
Email: yaroslav@queensu.ca
Office Hour: Thursdays 4:00pm – 5:00pm in Humphrey Hall, room 319

TAs: Rabekah Wickens, rebekah.wickens@queensu.ca
Office hour: 2:00pm – 3:00pm HUM 323

Geoffrey Harrison, 8gh3@queensu.ca

Lectures: Chernoff Auditorium (90 Bader Lane)
Tuesday 4:00pm – 5:30pm
Thursday 2:30pm – 4:00pm

Course Summary: An introduction to the science of mind and thought, with emphasis on philosophical issues, empirical studies, and theoretical models. Topics will include attention, pattern recognition, working memory, long-term memory, skill acquisition, problem solving, language, and consciousness.

Text: **Cognitive Psychology:
Connecting Mind, Research
and Everyday Experience, 3rd Edition**
by E. Bruce Goldstein



Web Site

Course notes and other course information will be available through a Moodle course web page. This site can be reached at this URL:

<https://moodle.queensu.ca/> (look for PSY 221 W Cognitive Psychology)

If you have never used Moodle before you can get some online help at

<http://www.queensu.ca/its/moodle/studentfaqs.html>

Special needs

If you have special needs please contact me as soon as you can and we can work out the working/learning strategy that suits you best.

Queen's University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you are a student with a disability and think you may need accommodations, you are strongly encouraged to contact the Disability Services Office (DSO) and register as early as possible. For more information, including important deadlines, please visit the DSO website at: <http://www.queensu.ca/hcde/ds/>

Course Evaluation:

Laboratories	10% (2 at 5% each, Feb. 25 and Mar. 25)
Midterm 1 (Feb. 11)	25%
Midterm 2 (Mar. 11)	25%
FINAL EXAM	40%

Midterms and Final

Both the midterms and the final exam will have a similar format. The first section (A) of the tests and exam will consist of multiple choice questions based largely on the text. This will be followed by one or two sections of questions requiring short and longer answers drawn from the lecture material, laboratories and text.

Laboratories



For this part of the course you are required to use Coglab and act as a subject in the studies. I will ask you to do this a number of times in the term to help you understand the experiments that we will talk about in class but on two (2) occasions you will be required to participate in an experiment and hand in a one-page summary for marks (1 inch margins, Times New Roman 12 pt. font). In your course text package, there is a lab manual and a web access key to Coglab 2.0 Online.

Go to <http://coglab.cengage.com/>

The first time you login you will be asked to:

Enter your Group ID: **2014PSY221** (note that this is case sensitive)
Enter your access password: **cognitive**
Enter your registration code: (from your text package)

You will be asked for some User Information including a unique password and a Security Question. When you submit this you will be assigned a Login ID of the form: **2014PSY221-#**. The # will be assigned to you when you sign up. You will use this and your unique password to sign in to CogLab for the rest of the term.

The two assignments and due dates are as follows:

Lab assignment 1 **Muller-Lyer Illusion** due on Feb. 25, 2014
Lab assignment 2 **Production Effect** due on March 25, 2014

The handouts for the two labs will be posted on the lab website. The assignments are due at the lecture on the due date. Late submission will be penalized 1 mark a day (out of the 5 marks the lab is worth) beginning after the lecture. These labs are individual projects and your text should be your own writing. Presenting someone else's ideas or phrasings as your own without proper acknowledgement is plagiarism.

I will request that you perform other labs over the term and will announce which ones and when to do them by e-mail. For this course I will use your Queen's e-mail address. **These labs are voluntary and will not be marked.** However, you are responsible for the information in these labs for tests and the exam. I can access the group data for the class from CogLab and compare the results to the published results in the lecture. Carrying out these studies will give you insight into the research and help us understand the strengths and weaknesses of studies.

Tentative Lecture Schedule

DATE	TOPIC	READING	DUE DATES
Jan. 7, 9	Introduction	Ch. 1, 2	
Jan. 14, 16	Perception	Ch. 3	
Jan. 21, 23	Attention	Ch. 4	
Jan. 28, 30	STM and WM	Ch. 5	
Feb. 4, 6	LTM: Structure	Ch. 6	
Feb. 11	MIDTERM 1: on Chapters 3, 4, 5, 6 + Lectures		
Feb. 13	LTM: Encoding & Retrieval	Ch. 7	
Feb. 18, 20	READING WEEK		
Feb. 25	Everyday Memory	Ch. 8	Lab 1
Feb. 27	Knowledge	Ch. 9	
Mar. 4, 6	Language/guest lecture	Ch. 11	
Mar. 11	MIDTERM 2: on Chapters 7, 8, 9, 11 + Lectures		
Mar. 13	NO CLASS		
Mar. 18, 20	Problem Solving	Ch. 12	
Mar. 25, 27	Reasoning & Decision Making	Ch. 13	Lab2 (Mar. 25)
Apr. 1, 3	EXAM REVIEW & Question/Answer		

Academic Integrity

Academic integrity is constituted by the five core fundamental values of honesty, trust, fairness, respect and responsibility (see www.academicintegrity.org). These values are central to the building, nurturing and sustaining of an academic community in which all members of the community will thrive. Adherence to the values expressed through academic integrity forms a foundation for the "freedom of inquiry and exchange of ideas" essential to the intellectual life of the University (see the Senate Report on Principles and Priorities <http://www.queensu.ca/secretariat/policies/senateandtrustees/principlespriorities.html>).

Students are responsible for familiarizing themselves with the regulations concerning academic integrity and for ensuring that their assignments conform to the principles of academic integrity. Information on academic integrity is available in the Arts and Science Calendar (see Academic Regulation 1 <http://www.queensu.ca/artsci/academic-calendars/2011-2012-calendar/academic-regulations/regulation-1>), on the Arts and Science website (see <http://www.queensu.ca/artsci/academics/undergraduate/academic-integrity>), and from the instructor of this course. Departures from academic integrity include plagiarism, use of unauthorized materials, facilitation, forgery and falsification, and are antithetical to the development of an academic community at Queen's. Given the seriousness of these matters, actions which contravene the regulation on academic integrity carry sanctions that can range

from a warning or the loss of grades on an assignment to the failure of a course to a requirement to withdraw from the university.

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Grades

All components of this course will receive numerical percentage marks. The final grade you receive for the course will be derived by converting your numerical course average to a letter grade according to Queen's Official Grade Conversion Scale. This conversion scale and the Department of Psychology's policy on grades can be found at:

<http://www.queensu.ca/psychology/Undergraduate/psycdepartmentalpolices/psycgradingpolicy.html>