2018-2019 (Semester 2)

PSYC 2051– Perception

Department of Psychology
The University of Hong Kong

Course information as of June 2019. For the most up-to-date course information, please visit the course offering department's website at https://www.psychology.hku.hk/

Course Description
This course will provide an introduction to sensation and perception, with an emphasis on the psychology of seeing. Specific topics include: neurophysiological mechanisms and sensory coding; cortical organization; phenomenology of sensation and perception; functional properties of sensory systems; psychophysical limits of perceptual systems; theories of perception.

Learning Objectives
- To be able to identify fundamental problems in perception
- To be able to understand various approaches to solving those problems and their strengths and weaknesses
- To be able to describe the basic physiological and neural mechanisms that underlie sensory and perceptual systems
- To be able to describe the psychological processes that support perception
- To be able to describe how perceptual systems support everyday elementary activities.

Textbook
Goldstein, E.B. (2016). *Sensation & Perception* (10th Ed.). Cengage Learning

Computer Resources
Lecture slides will be made available on Moodle.

Assessment (30% based on MCQs)

Tutorials

In-tutorial mini-assignment (week 7)	4%
Participation	6%

Homework	
Group Presentation (In-tutorial)	10%
Final Paper	20%
Mid-term quiz	25%
Final quiz	35%

The following ***marking scale*** will apply for this course:

%	Grade	%	Grade	%	Grade	%	Grade
90+	A+	77-79	B+	67-69	C+	56-59	D+
85-89	A	73-76	B	63-66	C	50-55	D
80-84	A-	70-72	B-	60-62	C-	49-	F

Quizzes

There will be one mid-term quiz (Mar 12) and one (cumulative) final quiz (Apr 23). The quiz materials MUST be returned. Leaving the testing room with quiz materials will be viewed as academic dishonesty. In the event of a missed quiz (with valid medical documentation**), a single make-up quiz will be arranged (essay-format only).**
There will be no make-up quizzes arranged for a make-up quiz...

Academic Honesty

Academic dishonesty will not be tolerated. Any student who engages in any form of academic dishonesty (e.g., cheating on exams, plagiarism, self-plagiarism, interfering with grading, falsification and fabrication of data in any academic exercise etc.) will receive a grade of F in this course and will be reported to the Department/Faculty Office/University Disciplinary Committee for further disciplinary action. There will be no exceptions. If you are not sure what constitutes an academic offense of plagiarism, check out the webpage at http://www.hku.hk/plagiarism. The Department has formulated policies/guidelines on student misconduct. Visit the website at https://www.psychology.hku.hk/?page_id=1814 for more information.

Plagiarism

A softcopy is required for all written assignments. The softcopy will be checked for plagiarism against a database of articles, books, webpages, and essays submitted by students at HKU and other universities. No credit will be given for an assignment that contains plagiarized materials. Further penalties will also be applied. These penalties include a zero mark for participation in course tutorials and a zero mark for the course. Plagiarism will also be reported to your Faculty for consideration of possible disciplinary action.

Assignment Submissions

Late assignments are subject to a penalty of 25% deduction per-day, unless valid medical proof (medical certificate) is presented. Each assignment submission should be accompanied by a title page with the course code, lecturer's name, your name, UID, and tutorial session written clearly.

Assessment Feedback

We strive to return assessment results (i.e., assignment and quiz results) within three weeks of submission. Students will be invited to review their exercises throughout the term.

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WK	DATE	CONTENTS	READINGS	TUTORIAL
1	Jan 15	Introduction Methods (Psychophysics)	Chapter 1 pp. 13-18; pp. 384-393	
2	Jan 22	Vision I. Understanding the visual system and visual processing: Receptors, physiology, neural processing	Chapters 2, 3	
3	Jan 29	Vision II. Cortical organization	Chapter 4	Tutorial I: Receptive fields *Tutor-driven revision*
4	Feb 5	*No class (Lunar new year)*		
5	Feb 12	Vision III. Object perception	Chapter 5	Tutorial II: Research methods *Tutor-driven revision*
6	Feb 19	Vision IV. Motion perception	Chapter 8	
7	Feb 26	Vision V. Colour perception	Chapter 9	Tutorial III: Object perception *Mini-assignment to be completed in-tutorial (in groups)*
8	Mar 5	*No class (Reading Week)*		
9	Mar 12	**Mid-term Quiz** (10:30 – 12:20; Venues: CPD-LG.18, MB167 and TT403)		
10	Mar 19	Vision VI. Depth and Size	Chapter 10	Tutorial IV: Colour *Learn how to screen for colour deficiencies!*
11	Mar 26	Audition I. Perception and physiology	Chapter 11	Assignment Consultation (By appointment) *Use this opportunity to clarify questions about your term paper!*
12	Apr 2	Audition II. Localization and organization (**Final Paper Due**)	Chapter 12	Tutorial V: *In-Tutorial Presentations* *Lessons learned from perceptual illusions*
13	Apr 9	Other considerations: Perception and Action	Chapter 7	
14	Apr 16	*No Class (Study, study, study!)*		Tutorial VI: Perception and Action *Sensorimotor calibration*
15	Apr 23	**Final Quiz** (10:30 – 12:20; Venues: CPD-LG.18, MB167 and TT403)		

Note: The schedule, readings, and assignments are subject to change. Any changes will be announced in class.