

SENSATION AND PERCEPTION

Psychology 3031

Fall 2009

Professor Dwight A. Burkhardt

DATE	TOPICS	READING*
Sept. 8	<i>Sensory Experience, Psychophysics</i>	3-19
Sept. 10 & 15	<i>Neurons, Taste and Olfaction</i>	21-28, 338-349, 327-338
Sept. 17 to 29	<i>Olfaction, Touch, Pain</i>	327-338, 367, 303-325
Oct. 1	<i>Hearing, Sound, Audibility Curve</i>	233-241
Oct. 6	EXAM #1 ** (<i>on Sensory Experience through Pain, but NO Hearing !</i>)	
Oct. 8,13 &15	<i>Loudness, Pitch, Localization, Mechanisms of Hearing</i>	265-273, 241-262
Oct. 20	<i>Speech Perception</i>	285-301, 363-365
Oct. 22 & 27	<i>Auditory Scene Analysis and Music Perception</i>	239-241, 274-283
Oct. 29	EXAM #2 ** (<i>Hearing, Speech & Music Perception</i>)	
Nov. 3 & 5	<i>Light, Eye, Images, Adaptation, Brightness</i>	28-38, 159-162
	<i>Object Perception, Contrast, Lightness Constancy</i>	93-111, 114-116
Nov.10 & 12	<i>Acuity, Flicker, Reaction Time</i>	30-31, 352-356
	<i>Attention</i>	121-134
Nov. 17,19 & 24	<i>Retina, Brain and Movement Perception</i>	46-69, 71-91, 111-114 134-138, 195-213
Dec. 1, 3 & 8	<i>Color Vision: measurement, theories</i>	39-41, 141-165
	<i>color blindness, neural mechanisms, art</i>	356-357
Dec. 10	<i>Perception of Depth</i>	167-179
Dec. 15	<i>Perception of Size</i>	179-192
Dec. 19	FINAL EXAM ** 1:30-3:30 , Saturday	

* Reading: *Sensation and Perception*, E. B. Goldstein,

Wadsworth, 7th Edition, 2007, Hardback or Paperback Editions. Paperback in U of M bookstore only

**Makeup exams require medical excuse. There will be only partial overlap between lecture and text.

Teaching Assistant: Jiva Dimova (dimov002@umn.edu), Office Hours: Monday & Wednesday, 10-11, n120