

Unit 5: Sensation and Perception

November 5

- Return/Review Unit 4 Tests
- Exercise: Fact or Falsehood (Ch. 5 & 6)
- Discussion: Sensation vs. Perception
- Assignment: Variability of Absolute Threshold

November 8

- Lecture topics: Thresholds, Subliminal Perception, and Sensory Adaptation
- Demonstrations:
 - Weber's Law (Quarters & Shoes)
 - Reverse Speech (www.reversespeech.com)
 - Sensory Adaptation & Cross-Adaptation (scented markers)

November 9

- Lecture Topic (Powerpoint): Visual Process
- Demonstrations:
 - Finding your Blind Spot
 - Cones & Rods (colored pencils)
 - The Hermann Grid and Retinal Ganglion Cells

November 10

- Lecture Topic (Powerpoint): Visual Process
- Demonstrations:
 - Illusory Contours (5-6)
 - Static and Motion Afterimages

November 11

- Lecture Topic: The Auditory System and Hearing Loss
- Video: *The Amazing Brain* (Liz Ordner excerpt)
- Discussion Topic: Deaf Culture

November 12

- Activity: Sound and Hearing Explorations

November 15

- Lecture Topic: The Other Senses (Taste, Smell, Touch, Vestibular Sense, and Kinesthesia)
- Demonstrations:
 - Dependence of Taste on Olfactory Sense (Starbursts Activity)
 - Where is sense of touch most acute? (need toothpicks)
 - Cold + Pressure = Warmth! (ice cubes)
 - Vision and Vestibular Sense
 - Nystagmus

November 16

- Finish any remaining demos from previous day
- Lecture Topic: Selective Attention
- Demo: Inattentional Blindness Video Clips (http://viscog.beckman.uiuc.edu/djs_lab/demos.html)

November 17

- **Quiz: Sensation & Perception** (Ch. 5 & 6)
- Lecture Topics (and Demonstrations)
 - Motion Perception
 - Perceptual Constancy
 - Perceptual Interpretation
 - Perceptual Adaptation
 - Perceptual Set

November 18

- Lecture Topic: Perceptual Organization; Gestalt Grouping Principles
- Demonstrations:
 - Ambiguous Figures (6-3)
 - Handout 6-4
 - Practice - Gestalt Grouping (with volunteers)

November 19

- Lecture Topic: Depth Perception - Binocular and Monocular Cues
 - Demos: Depth Perception Activities, Optical Illusions

November 22

- Lecture Topic: Claims of ESP
- Activity: ESP Test - Coin Flipping
- Extra Credit Opportunity (PM): Wait for "telepathic message" from Mrs. Welle

November 23

- **Unit 5 Test: Sensation & Perception**

November 24-26 - THANKSGIVING BREAK - NO SCHOOL