

## Color Seminar

Spring 2011

W \*\*\* 1:20-4:10 \*\*\* ROB 203

Subject to change \*\* come to class and check Sakai for updates \*\*

### Instructor Information

Dr. Sarah Allred

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Office Hours: Mon - 5-6pm; Wed 4:20-5:20 and by appt.

### Week 1, Class 1, Wednesday, January 19th

**Topic** Introduction: What is color?

**Readings** None

**Class activities** Color reproduction

### Week 2, Class 2, Wednesday, January 26th

**Topic** Stimulus and Eye: Trichromacy

**Readings** Goldstein chapter 9

**Class activities** Additive and subtractive color mixing, color matching

### Week 3, Class 3, Wednesday, February 2

**Topic** Opponency: Physiology and Perception

**Readings** Goldstein, Chapter 9

**Class activities** Appropriately covered after-images

### Week 4, Class 4, Wednesday, February 9th

**Topic** Contrast and constancy

**Readings** Aesthetic Appreciation of Pictures; Visual Illusions.

**Class activities** Albers, spectral radiometers

### Week 5, Class 5, Wednesday, February 16th

**Topic** Color and Evolution

**Readings** Wright article, Hurlbert article

**Class activities** Cooking; camouflage

### Week 6, Class 6, Wednesday, February 23rd

**Topic** Philosophical and Perceptual puzzles

**Readings** MacLeod, Into the Neural Maze. Bertrand Russell, Problems in Philosophy.

**Class activities** Illusions

**Week 7, Class 7, Wednesday, March 2**

**Topic** EXAM 1

**Information** Exam covers material from first 6 weeks.

**Week 8, Class 8, Wednesday, March 9th**

**Topic** Color and Emotion (1)

**Readings** Woodcock article, TBA

**Class activities** Movie clips

**Week 9, Wednesday, March 16th**

**SPRING BREAK, NO CLASS**

**Week 10, Class 9, Wednesday, March 23rd**

**Topic** Color and Emotion (II)

**Readings** Schloss article, TBA

**Class activities** Movie clips

**Week 11, Class 10, March 30th**

**Topic** Language and Memory

**Readings** Davidoff article, Ozgen article

**Class activities** Guest speaker, experiment demonstration

**Week 12, Class 11, Wednesday, April 6th**

**Topic** Art and color

**Readings** None.

**Class activities** ART MUSEUM TRIP

**Week 13, Class 12, Wednesday, April 13**

**COLOR PROJECTS**

**Week 14, Class 13, Wednesday, April 20th**

**COLOR PROJECTS**

**Week 15, Class 14, Wednesday, April 27th**

**FINAL EXAM**