PERCEIVING IMAGES, PERCEIVING SPACE

       A.M.S. Barry, *Visual Intelligence: Perception, image, and manipulation in visual communication*.

Grading:  20% each for: (a) Class participation in discussion; (b) Problems sets (5 total); (c) Midterm exam (prepared essays); (d) Final project and project presentation; and (e) Final exam (prepared essays)

Goals:  1. To appreciate the differences and similarities between perceiving pictures and the world.
        2. To be conversant with the techniques of how images are made and reproduced.
        3. To understand the limitations and strengths of pictures and movies.

**Syllabus**

Week 1:  *Art, lines, and being human*
   readings:  McCloud, Chapter 1&5, pp 2-23, 118-137; Barry, SKIM Chapter 1, pp. 15-68
   M 25 Jan & W 27 Jan: Paleolithic art, and the power of lines.
   F 29 Jan: Discussion.
   *First Problem Set Due:* Alberti's Window

Week 2:  *Representations and projections*
   readings: Barry, Chapter 2, pp. 69-106; London & Stone, Chapter 9: pp. 178-203;
   Carlbom & Paciorek article [download from course website]
   M 1 Feb & W 3 Feb: Representations & projections.
   F 5 Feb: Discussion.

Week 3:  *Geometries, invariants, and ordinally creating space*
   readings: McCloud, Chapter 2, pp. 24-59
   M 8 Feb & W 10 Feb: Invariants, geometry, & the scaling of space.
   F 12 Feb: Discussion.
   *Second Problem Set Due:* Impossible Figures

Week 4:  *Perspective 1*
   Readings: McCloud, Chapter 3, pp 60-93.
   M 15 Feb & W 17 Feb: Ordinal space; Uncle Sam.
   F 19 Feb: Discussion.

Week 5:  *Beyond perspective, then to reproduction*
   reading: London & Stone, Chapters 1, 3, & 4, pp 2-25, 52-81.
   M 22 Feb & W 24 Feb: Beyond linear perspective.
   F 26 Feb: Reproduction of images.
   *Third Problem Set Due:* Studies of Movement and Gait

Week 6:  *Lines and mass, then lenses*
   reading: London & Stone, Chapters 2 & 7, pp. 26-51, 128-145;
   SKIM Chapters 5-6, pp. 82-127
   M 1 Mar & W 3 Mar: Lines again, mass & shadow; Lenses.
   F 5 Mar: Discussion.
Week 7: Photographs
readings: London & Stone, Chapter 8, pp. 146-177.
M 8 Mar & W 10 Mar: Lenses and panoramas; View cameras.
F 13 Mar: Midterm exam, during the class period.

Week 8: Visual Literacies
reading: McCloud, Chapter 6, pp 138-161; Barry, Chapter 3, pp. 108-155.
M 15 Mar & W 17 Mar: Literacy, reading, and eye movements; Graphs.
F 19 Mar: Discussion

Week 9: Representing motion
reading: McCloud, Chapter 4, pp 94-117.
F 2 Apr: Discussion
Fourth Problem Set Due: Flip book

readings: McCloud, Chapter 7, pp 162-184; Barry, Chapter 4, pp. 157-179.
M 5 Apr & W 7 Apr: A history of cinema; intro to Hollywood style.
F 9 Apr: Discussion

Week 11: A movie
reading: Barry, Chapter 5, pp. 191-233, 236-249
M 12 Apr & W 14 Apr: Sidney Lumet’s 12 Angry Men
F 16 Apr: Discussion.
Fifth Problem Set Due: Aliasing

Week 11: Hollywood style and Alfred Hitchcock
reading: McCloud, Chapters 8-9, pp. 185-215
M 19 Apr & W 21 Apr: Hollywood style; Hitchcock.
F 23 Apr: Discussion

Week 12: On movies
reading: Barry, Chapters 6-8, pp. 253-338, SKIM
M 26 Apr & W 28 Apr: Evolution of cinema
F 30 Apr: Project Presentations 1.

Week 13: Presentations
reading: none
M 3 May & 5 May: Project presentations 2 and 3.
F 7 May: Slope Day, no class.
Final Project Due last day of reading period, W 12 May

Course Website: http://blackboard.cornell.edu

Final exam: Tues 18 May, 9:00-11:30 AM

Each student in this course is expected to abide by the Cornell University Code of Academic Integrity. Any work submitted by a student in this course for academic credit will be the student’s own work. The Code of Academic Integrity and Acknowledging the Word of Others is found in the Policy Notebook for the Cornell Community and is on the web at http://www.cornell.edu/UniversityFaculty/docs/main.html