Throughlines:
1) When and why does colorimetry apparently fail?
2) How do we measure and predict color perception in complex environments?
3) What is the dimensionality of color and what are the dependent and independent variables?

Texts:

Lecture Schedule:
Papers are to be read prior to lecture for which discussion is scheduled. See reading list for complete references. Relevant background chapters from the text (2nd edition) are listed in parentheses.

3/15/06 First Class Meeting, Pick Up First Readings, Discuss Course, MDF Overview Lecture (Chs. 1,2,3)

3/22/06 Long & Luke; Wright; Wyszecki; Hard & Sivik; Newhall. (Chs. 4,5) Munsell Set Due for Review

3/29/06 Bartleson; Purdy; Fairchild & Pirrotta. (Ch. 6) Term Paper Topic Due

4/5/06 Hunt; Helson; Stevens & Stevens. (Ch. 6)

4/12/06 Fairchild; OSA; von Kries. (Chs. 6,7)

4/19/06 Helson, Judd, & Warren; Wright; Fairchild; Neitz et al. (Chs. 8,9)

4/26/06 Nayatani et al.; Hunt; Hunt; Fairchild et al; Fairchild. (Chs. 11,12,13)

5/3/06 CIE; Fairchild; CIE. (Chs. 15,16)
5/10/06  Luo et al.; Hunt et al.; Mori et al.; Alessi; Braun et al.; Li et al. (Ch. 17)  
(Mark @ ICIS, Rochester)

5/17/06  Granger; Zhang et al.; Zhang et al.; Johnson et al.; Fairchild et al.  
(Ch. 20) (Mark @ ISCC/CIE, Ottawa)

5/24/06  **Finals Week**  
Term Paper Presentations (Mark Out of Town?)

**Course Requirements:**
1) Each week one student will prepare a one-hour presentation summarizing the week’s papers and facilitating discussions. The presentation, interrupted with discussions, will fill the 3-hr. session. Students will sign up for dates at the first class meeting.

2) Brief (~2 pp. total per week) summaries of the papers are due each week. These must be turned in at the lecture during which the papers are discussed. Each week’s presenter is not required to turn in a summary.

3) The Munsell Student Set must be completed for review on 3/22/06.

4) Term paper due 5/22/06 (Monday of Finals Week) by 5:00PM. The topic is to be an in-depth treatment of some specific area of color appearance in more detail than covered in class. Preliminary title with brief explanation due on 3/29/06.