

ROCHESTER INSTITUTE OF TECHNOLOGY
Center for Imaging Science / Munsell Color Science Laboratory

SIMG 402 Color Science
Tuesdays & Thursdays, 10:00AM-11:50AM, 18-1080

Required Text:

R.S. Berns, *Billmeyer and Saltzman's Principles of Color Technology*, 3rd Ed., Wiley, New York, (2000).

Lecture Schedule:

Book Chapters should be read prior to lecture for which discussion is scheduled.

- Week 1: First Class Meeting, Discuss Course, Lecture 1: Intro/Overview/Human Visual System
- Week 2: Lecture 2: Defining Color (*Ch. 1*)
- Week 3: Lecture 3: Describing Color (*Ch. 2*)
- Week 4: Lecture 4: Measuring Color (*Ch. 3*)
- Week 5: Lecture 5: Measuring Color Quality (*Ch. 4*)
- Week 6: Lecture 6: Colorants (*Ch. 5*)
- Week 7: Lecture 7: Producing Colors (*Ch. 6*)
- Week 8: Lecture 8: Color Imaging: Current & Future Directions
- Week 9: Lecture 9: Current MCSL Research {Mark @ CIC11}
- Week 10: Lecture 10: Project Presentations
- Week 11: **Finals Week:** Final Exam

Course Requirements:

- 1) Homework assignments (9) and oral presentation of results.
- 2) Term paper (technical report) on homework project.
- 3) Final exam (format to be determined).

****Assignments turned in late will be penalized one letter-grade per day.****