Optical Sciences 205
Optics of Photography and Videography

Instructor:
Lars R. Furenlid
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Email – furen@radiology.arizona.edu
Office hours: Th 2:00 – 3:00 PM Meinel 433 or by appointment;

Meeting times:
Lectures: TTh 12:30 - 1:45 in Meinel 307;
There will be a few additional assignments/meetings at the Center for Creative
Photography on campus with dates and times to be arranged (as guided by UA policies).

Prerequisites: Basic mathematics including College algebra, trigonometry, and
geometry. Freshman chemistry and physics helpful.

Course objectives: Provide broad synthesis of the optical principles and history underlying
modern digital photography and videography. Impart an understanding of the technical side of
images with high visual impact.

Course materials:
Selected references and reading assignments will be made available via the course d2l
website. Links to other materials will be pointed out during lecture

Webpage: d2l

Assignments and evaluation:
Homework/assignments: Approximately every other week – some will involve materials
at the Center for Creative Photography
(Homework due ~ten days after it is assigned unless otherwise announced.)
Two midterm exams
Final exam at time of scheduled course final in official UA academic calendar
Course grade will give equal weight to homeworks/assignments, midterms and final
There will be opportunities for bonus points announced during selected lectures

Strict adherence to the student code of conduct is required.

- Students may consult with each other on methods for homework problems, but each
  must turn in an independent solution or assignment product for each problem.
- Students may not communicate with each other in any way on mid-terms or final exam,
  whether in-class or take-home
- Plagiarism will lead to failing grade.