

Physics 141: Optics
Fall 2010**Class Information**

Lectures: 10:00 – 10:50 AM MWF Phelps 1508

Instructor: Ania Jayich

ania@physics.ucsb.edu

Office Hours (Broida 4105)

Mon: 11:00 – 12:30

Thurs: 3:30 – 5:00

Teaching Assistant: Ishai Rubin

ishai@physics.ucsb.edu

Office Hours (Broida 3314 - Physics Study Room)

Wed: 11:30 - 12:30

Fri: 11:30 – 1:30

Course Web Page: <http://www.physics.ucsb.edu/~phys141/fall2010/>

Note: this may change to a Gauchospace website. Stay tuned.

Course Contents

Homework (25% of final grade)

Due weekly on Wed. at 5 PM in the 141 HW box (outside PSC, 1301 Broida)

Midterm Exam (35% of final grade)

October 29. In class. No books, notes, etc. Only your writing utensil.

Final Exam (40% of final grade)

Dec 7, 8AM-11AM. Covers all course material with an emphasis on material covered after the midterm.

Textbook and Material

The textbook for this class is *Optics*, fourth edition, by Eugene Hecht.

Other useful texts:

Photonics by Saleh and Teich

Introduction to Optics by Pedrotti and Pedrotti

Optical Physics by Lipson, Lipson, and Tannhauser

Course Policy

- You are allowed one late homework (maximum of 48 hours late). Any other late homework will not be accepted.
- There will be no makeup exams. Only extenuating circumstances will receive special consideration for missed exams, such as a documented (doctor's note) serious illness or documented death in the family. Requests must be made directly to me, in writing, on paper.
- Students registered with DSP must contact the instructor and provide the necessary paperwork at least one week before each exam. Last-minute requests can not be accommodated.
- Academic dishonesty will not be tolerated. No cheating or collaborating on exams. Consequences are BAD, starting with a 0 on the exam. Copying other's homework is also forbidden, but please do work together!