

**Lecture time:** Tu/Th 9:30-11:00 am

**INSTRUCTOR:** Prof. Feng Wang email: fengwang76@berkeley.edu

**GSI:** Armin Eghdami email: armin.eghdami@berkeley.edu

**Office hour:**

Prof. Wang: Thursday 11am - 12pm.

Armin Eghdami: Monday 8:30am - 9:30am

Feel free to email us to set up an appointment to meet at a different day or time.

**TOPICS/BOOKS**

1. E. Purcell, "Electricity and Magnetism," Cambridge, 3rd edition, 2013.
2. C. Bennett, "Principles of Physical Optics," Wiley 2008.

Reference Books:

1. D. Griffiths "Introduction to Electrodynamics" 3 edition
2. E. Hecht, "Optics"

**HOMEWORK**

One problem set per week. The problem sets will be posted every Friday on [bcourses.berkeley.edu](http://bcourses.berkeley.edu), and are due the following Friday by 6pm. No exceptions. Everyone is entitled to one missed problem set.

**EXAMS**

There will be one midterm and one final exam.

**GRADING**

Problem Sets 35%

Midterm 25%

Final Exam 40 %

**Academic Misconduct:** Cheating/plagiarism are considered serious disciplinary offenses on the UC Berkeley campus and in the Physics Department. If you copy another person's solution or work verbatim and claim it as your own, or copy a solution from the web or past year's solutions, then a) at

minimum this will result in a grade of zero for that assignment or exam, b) the incident will be filed with the Center for Student Conduct, and c) this may also result in failing the course.

### **Zoom Links:**

Lectures and Wang office hour: [https://berkeley.zoom.us/j/91436411920?](https://berkeley.zoom.us/j/91436411920?pwd=WkdQSzhNTHJ1MEtGdmFGaktVbFNFUT09)  
[pwd=WkdQSzhNTHJ1MEtGdmFGaktVbFNFUT09](https://berkeley.zoom.us/j/91436411920?pwd=WkdQSzhNTHJ1MEtGdmFGaktVbFNFUT09) [\(https://berkeley.zoom.us/j/91436411920?](https://berkeley.zoom.us/j/91436411920?pwd=WkdQSzhNTHJ1MEtGdmFGaktVbFNFUT09)  
[pwd=WkdQSzhNTHJ1MEtGdmFGaktVbFNFUT09\)](https://berkeley.zoom.us/j/91436411920?pwd=WkdQSzhNTHJ1MEtGdmFGaktVbFNFUT09)

Discussion sessions: [https://berkeley.zoom.us/j/91934281843?](https://berkeley.zoom.us/j/91934281843?pwd=T0hoRHAvR21ualo1dnd5dm9HTitVdz09)  
[pwd=T0hoRHAvR21ualo1dnd5dm9HTitVdz09](https://berkeley.zoom.us/j/91934281843?pwd=T0hoRHAvR21ualo1dnd5dm9HTitVdz09) [\(https://berkeley.zoom.us/j/91934281843?](https://berkeley.zoom.us/j/91934281843?pwd=T0hoRHAvR21ualo1dnd5dm9HTitVdz09)  
[pwd=T0hoRHAvR21ualo1dnd5dm9HTitVdz09\)](https://berkeley.zoom.us/j/91934281843?pwd=T0hoRHAvR21ualo1dnd5dm9HTitVdz09)

Armin's Office Hour: [https://berkeley.zoom.us/j/93430344971?](https://berkeley.zoom.us/j/93430344971?pwd=RENNSVIUNmtVNIpwT0drcVpYVmEvdz09)  
[pwd=RENNSVIUNmtVNIpwT0drcVpYVmEvdz09](https://berkeley.zoom.us/j/93430344971?pwd=RENNSVIUNmtVNIpwT0drcVpYVmEvdz09) [\(https://berkeley.zoom.us/j/93430344971?](https://berkeley.zoom.us/j/93430344971?pwd=RENNSVIUNmtVNIpwT0drcVpYVmEvdz09)  
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