

Course Information

Instructor: Professor Adrian T. Lee

- Email: Adrian.Lee@berkeley.edu
- Office Hours: Fridays 10-12AM, 396 LeConte

GSI: Hanhan Li

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- Office Hours: Thursday 2-4pm, 105 LC
- All administrative issues may be addressed directly to the GSI

GSI: Brady Anderson

- Email: bdanderson@berkeley.edu
- Office Hours: Wednesday 10-12pm, 105 LC

Course Webpage: bspace.berkeley.edu

Enrollment:

- Drop Deadline: 9/21 w/o permission+transcript notation
- All enrollment is through TeleBEARS

Prerequisites:

- Math 1A, 1B (Calculus) is a prerequisite
- Math 53 (Multivariable Calculus), 54 (Linear Algebra, Differential Eqns) may be taken concurrently

Lecture:

- Time/Location: TT 9:30AM-11AM, 3 LeConte Hall
- Clickers: We will use clickers in lecture to facilitate interaction. Clickers are required and you will receive credit for participation only, not for correctness. (see details on grading below)

Discussion Sections:

- Discussion sections meet once a week for one hour every week. (Sec 101: Th 1-2, 45 Evans, Sec 102: Tu 4-5, 45 Evans, Sec 103: Tu 5-6 PM, 458 Evans)
- In your discussion sections you will practice problems and discuss concepts in small groups, with the guidance of a GSI.

Homework:

- There will be weekly homework due Fridays at 5pm. Please put your HW in the labelled box in the common study room, 251 LeConte.
- No late homework will be accepted. We will drop your lowest homework score.
- We encourage you to work with and help other students, however the homework you submit must ultimately be your own work. This means that while other students may teach you how to do a problem, you must eventually be able to solve the problem on your own and submit your own solution, not one copied from another student.

Labs:

- There will be 7 labs throughout the semester (see the syllabus, Sec 101: Tues 11-2, 224 LeConte, Sec 102: Wed 2-5, 215 LeConte, Sec 103: Wed. 5-8 PM, 215 LeConte). While you perform the labs you will complete the lab worksheet found in the workbook. You will turn in the lab worksheet at the end of your lab section.
- If you miss a lab for a valid reason (e.g. illness) you must email your GSI to let them know the reason for your absence. To make up a missed lab, you should attend another lab section during that same week, also emailing that GSI ahead of time to let them know you will be attending their section. If you are not able to make up a lab in the week that it runs, one lab setup will also be available in each lab room the following week for makeups. You may only make up a lab in the following week once per semester. After that following week, you will not be able to make up the lab at all.
- You are required to complete ALL labs: any uncompleted labs will result in a reduction of your grade by 1/3 of a letter grade for each lab missed.

Exams:

- There will be two midterms and a final exam on Tuesday 12/11 from 3-6PM (exam group 7).
- You **MUST** be available to take all exams. Unresolvable conflicts with the exam dates must be discussed with the head GSI immediately.
- All exams are closed book—you will be allowed one 3"x5" card (both sides) handwritten (or size 14 font or larger computer) notes for each MT and three for the final.
- Exams will include both conceptual questions similar to the clicker questions as well as quantitative problems similar to homework problems and quizzes.
- Exam problems will be graded based on your solutions, not your answers. No credit will be given for correct answers without a clear reasoning and showing your work.

Clickers:

- Clickers are required for lecture. You will receive credit for participation only, not for correctness.
- Clicker participation is extra credit: your clicker percentage will replace 2 percentage points of your total exam weighting only if your clicker percentage is higher than your exam percentage. We will start using clickers on the second week of lecture, but we will start counting the extra credit in the third week of class.
- It is your responsibility to bring a functioning (with working batteries), properly registered iClicker (iclicker.com) to lecture every day.

- There are NO makeups for clicker questions. We will drop your 3 lowest days of clicker scores.
- You must register your clicker with your name and student ID through the iClicker website (www.iclicker.com/support/registeryourclicker/) to receive credit. If your iclicker is incorrectly registered you will not receive clicker credit.

Course Center: 105 Le Conte

- 7A GSI office hours are held in the course center.
- The course center is designed to facilitate group work. It will be open during business hours whether or not there are office hours being held, so feel free to come to work individually or in groups any time.

Required Course Materials:

- Textbook 1: Kleppner and Kolenkow, *An Introduction to Mechanics*
- Textbook 2: French, *Vibrations and Waves*
- Clicker: iClicker Classroom Response System

Grading:

- The grade breakdown is the following:

Midterm 1	20%
Midterm 2	20%
Final Exam	40%
Homework	15%
Labs	5%

- Clicker participation will act as extra credit: if you're clicker percentage is higher than your total exam percentage, your clicker participation will count for 2% of your grade and your exams will count for 78% of your grade.
- We will drop your lowest homework score, lowest quiz score, and 3 days worth of lowest clicker scores.
- H7A grades will be higher than department guidelines for grade distribution which are roughly 25% A's, 40% B's and 35% C's. D's and F's. D's and F's will be given on a case-by-case basis to students displaying especially poor performance.
- A grade of "Incomplete" is only given to students who have completed work that is at least "C" quality and are unable to complete the course due to circumstances beyond their control.

Accommodations:

- Students who require special accommodations for the class (e.g. for exams, lecture, labs) must contact the instructor at the beginning of the semester.