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~~~~~ I am a dividing line ~~~~~

**Lecture: TuTh 8:00AM - 9:30AM Hertz 320**

**Office Hours: Tu 10:30AM-11:30AM Th 1:30PM-2:30PM**

**Office: Evans 1083**

**Midterm exam: In class (same room as the lecture, see syllabus for dates)**

**Final exam: Wednesday 12/14/16 3-6pm. Location TBD**

<http://schedule.berkeley.edu/examf.html>

### **Textbook**

Second Custom Edition for University of California, Berkeley Linear Algebra and Differential Equations.

### **Enrollment**

**Enrollment is entirely done online.** So if you are waitlisted, check online

often to see if you can enroll. If you have questions about enrollment, please contact Thomas Brown of the Math Department at [thomasbrown@math.berkeley.edu](mailto:thomasbrown@math.berkeley.edu). **For students in the concurrent enrollment program**, you need to get the concurrent enrollment form from Thomas Brown first, and then take the form for me to sign before / after the class, or during the office hour.

### **Prerequisites**

1A-1B or equivalent. Note: calculus courses at most institutions either have no differential equations, or less than Berkeley's Math 1B. Transfer students who have taken such courses need to learn the relevant differential equations material (Stewart, Single Variable Calculus, Early Transcendentals, for UC Berkeley, Chapters 9 and 17) **on their own**, by approximately the week of Oct 20th, 2016. **Please contact the GSI in your discussion session if you have concern for this.**

### **Grading policy, exam, homework, quiz.**

Midterm 1 (20%) + Midterm 2 (20%) + Final (40%) + Homework (10%) + Quiz (10%)

Each midterm weighs 20 points, and final weighs 40 points. However, if your final score is higher than **any** of your midterm score after normalization, then the midterm with a lower score will be replaced by the final score after normalization. For example, if you get 18 pts for Midterm 1, 14 pts for Midterm 2, and 32 pts for the Final, then your raw total pts from the exams will be  $18 + (32/2) + 32 = 66$ .

The final letter grade will be curved if necessary, with reference to the grade distribution of the same course in previous years. No additional curving procedure will be applied during the semester.

There will be no make-up exam given **in any circumstance**. If you find the final exam conflicts with your schedule, **please immediately switch to one of the other sessions, no later than 9/9/2016 (Friday)**. If you have to miss one midterm exam due to conflict, please consider switching to one of the other sessions as soon as possible.

If you are a disabled student (with or without a document from Disabled Students Program) and require special accommodations of any kind, **please let the GSI in your discussion session know as soon as possible**. The GSI will then summarize the cases and get back to me. **Notifications must be made earlier than 9/9/2016 (Friday)**.

Grades of Incomplete will be granted only for direct medical or personal emergencies that cause you to miss the final, and only if your work up to that point has been satisfactory.

**Homework** is posted every Thursday after class on bCourses under "Assignments", and due the following Wednesday in the discussion session. No credit is given for homework turned in after the due date. Only the best 10 homeworks will be counted towards the total score.

**Quiz** is given every **Friday** during the discussion session. No make-up quiz is available in any discussion session. Each discussion session has its own quiz up to the choice of the GSI. Only the best 10 quizzes will be counted towards the total score.

Contact the GSI in your session on any information about the format of the homework (paper / electronic), and how the homework / quiz is graded.

### **Lecture notes**

Lecture notes will be uploaded to bCourses from time to time during the semester, but not immediately after the class. However, all lecture notes prior to any exam (midterm, final) will be available online before the exam.

### **When you have a question in class:**

Raise your voice and ask it loudly! I do not mind at all being interrupted. Interruption also helps wake everyone up given this is an 8AM class!

### **When you have a question after class:**

If you find a mistake in my lecture / homework assignment / note, please let me know via office hour / email, and I will address it as soon as possible.

Otherwise.. Office hours can sometimes be packed. Please go through the following checklist to maximize the efficiency of your time (you may find it by chance that the procedure below improves the efficiency of everyone's time, including mine..)

Due to the size of the class, there could be **significant delay** for email response. So please come to the office hour (lecturer/ GSI) for questions.

1) Can I try to figure it out by myself?

2) Can I find the answer easily on the web? (e.g. Great place for answers to common questions includes [mathoverflow \(Links to an external site.\)](#) ([Links to an external site.](#))[Links to an external site.](#), [wolfram \(Links to an external site.\)](#) ([Links to an external site.](#))[Links to an external site.](#), or simply [google \(Links to an external site.\)](#) ([Links to an external site.](#))[Links to an external site.](#) it! Come on...)

3) Can I work with my peers to figure it out?

4) If the question remains... Dear Mr. / Ms. GSI in my discussion session, what do you think?...

5) If the question remains... Come to my office hour: Lin, what do you think?...