

UNIVERSITY
OF MIAMI



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Office hours: Tue 10:00–12:00
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Linear Algebra

Math 210R– Fall 2019

Textbook: *Elementary Linear Algebra*, by Anton. I recommend reading the book by yourselves ahead of class.

Content: The course will be on chapters 1 to 5 of the book. Tentative outline:

- Chapter 1. Systems of Linear Equations and Matrices: 3 weeks
- Chapter 2. Determinants: 1 week
- Chapter 3. Euclidean Vector Spaces: 3 weeks
- Chapter 4. General vector spaces: 2 weeks
- Chapter 5. Eigenvalues and eigenvectors: 2 weeks

Grading policy:

- Two midterms (equally weighted), one final (which weighs twice). The final is comprehensive. Makeups will be given only in case of documented medical excuse. Students are expected to keep track of what we covered in class: don't ask for studyguides the day before, that's like signaling to me that you never paid attention.
- Attendance, class participation and homework will play an important role in determining final grades, especially in borderline cases. That said, if you never come to class or hand in homework, and ace all three tests, you'll get an A+. (So far it never happened, but you might be the first one.)
- Weekly homework will be assigned in class (not 'on Canelink' or 'on a website'; ask a classmate if you weren't present) and collected on Thursdays. Late homeworks aren't accepted. All pages should be stapled together.

General rules:

- Cell phones and computers must be put away during class. As I said, attendance is not compulsory, so if you have something more important going on, feel free to stay out and i would completely understand.
- Questions and feedback are always welcome.
- Showing up at office hours is not compulsory, but recommended. It is more convenient if you come at the first doubt. Showing up by the dozens the day before the final, will only increase your stress.

With this, i wish you a great fall semester here at The U!

Bruno Benedetti
Assistant Professor