

# Syllabus: Fall 2021, Math 3300: Applied Linear Algebra

August 22, 2021

- Instructor: Jiuya Wang  
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Website: [https://wangjiuya.github.io/teach/f21\\_3300/](https://wangjiuya.github.io/teach/f21_3300/)  
Office: 408 Boyd Grad Rsch Ctr
- Textbook: Linear Algebra and Its Applications, Lay, Lay, McDonald, 5th Edition
- Exam Schedule:  
mid term: 09/21/2021; 10/21/2021  
final exam: TBA
- Class Schedule:  
Room: Boyd Grad Rsch Ctr 0323  
Time: T/R 11 : 10 – 12 : 25 pm  
Office Hour: T: 10 : 00 – 11 : 00 am, 12 : 30 – 1 : 30 pm
- Course Content:  
We will start from solution of linear systems and introduce matrix. We will then learn determinant and diagonalization of matrix, and basic concept of linear spaces and linear transformations. This course is a blend of theoretical and applied aspect of linear algebra.
- Grade:  
20 % mid term  $\times 2$   
40 % final exam  
20 % homework (weekly, due every Tuesday in class)
- Policy:
  - 1) Late homework will not be accepted, but everyone can drop one lowest score.
  - 2) Students may discuss homework problems, however the solution must be written by the student on himself/herself. In case the student is having discussions with other students or getting help from others (including anonymous help online), the student need to write down the name(s) of the people involved (or sources in case of searching online).
  - 3) Homework and exam must be written neatly. In case the writing is unrecognizable the grading will be skipped.
  - 4) Read UGA's academic honesty policy. Every academic misconduct will be reported to

the university.

5) Face coverings are recommended for all individuals while inside campus facilities, following guidance from the University System of Georgia. Read UGA's most updated policy on Covid 19 along the semester and follow all other guidances.

6) If you or someone you know needs assistance, you are encouraged to contact Student Care and Outreach in the Division of Student Affairs. They will help you navigate any difficult circumstances you may be facing by connecting you with the appropriate resources or services. There are also resources at UGA well-being, CAPS, and UHC.

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