

MATH 3107—LINEAR ALGEBRA III

Winter 2020

Instructor:

Paul Mezo
4217 HP
Tel: 520-2600 ext. 2156
e-mail: mezo@math.carleton.ca

Prerequisites: i) a grade of C- or better in MATH 1102 or MATH 2107; and ii) credit in MATH 1002 or MATH 2007; or permission of the School.

Course text: *Applied linear algebra and matrix analysis*, by Thomas S. Shores. An electronic version of the textbook is freely available through the Carleton library.

Lectures: Wednesdays and Fridays 11:35-12:55 in SA 515.

Office hours: Wednesdays 2-3PM in HP 4217.

Teaching assistant: TBA

Tutorials: Fridays 13:35-14:25 in SA 406. Regular tutorials will consist of homework review and a 20-minute quiz. The first tutorial is on January 17th.

Quizzes: There will be eight quizzes during the regular tutorials. The quizzes will be based on the homework posted weekly on cuLearn. Only the best six out of eight quiz grades will count towards the final grade. If you miss a quiz for any reason your mark on that quiz will be zero.

Tests: There will be three 50-minute tests during the tutorials. The dates for the tests are February 7, March 6 and March 27. There will be no early tests or deferred tests. If you miss one, your mark will be zero unless you are ill and notify me within two calendar days of the missed test. In this case the percentage for the missed test will be transferred to the final exam. I will accept at most two reports of illness.

Final exam: There will be a 3-hour cumulative final exam during the formal exam period in April. Please note that the exam is centrally scheduled.

Grading scheme:

Quizzes	6%
Tests	39%
Final exam	55%

The grading scheme will not be changed. Students must achieve a grade of at least 40% in their term work (assignments and tests) in order to pass the course.

Proposed topics:

Week	Text sections
1	1.2, 2.2
2	2.7, 2.9
3	2.9, 4.2
4	4.2, 4.3
5	4.3, 5.2
6	5.4, 5.5
7	5.5, 5.6
8	5.7
9	6.1
10	6.2
11	6.2, 6.3
12	6.5

Academic accommodations:

The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). Requests made within two weeks will be reviewed on a case-by-case basis. After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website (www.carleton.ca/pmc) for the deadline to request accommodations for the formally-scheduled exam (if applicable).

Please visit <https://students.carleton.ca/> for further information on academic accommodations.