

MAT 211: Introduction to Linear Algebra
Spring 2022

Instructor: Langte Ma
Office: Simons Center 508
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Office hours: Wed 3-4 pm, Fri 2-3 pm

Classroom Location. Earth&Space 079.

Textbook. *Linear Algebra with Applications*, Otto Bretscher, 5th edition.

Exams. There will be two midterms exam and one final exam.

Grades. Your grade in the course will be based on the following:

(1) Homework (20% of your grade)

- Homework will be assigned on a weekly basis and will be posted on Blackboard.
- Homework will be collected at the beginning of the Monday class.
- No late homework will be accepted.
- The lowest two scores of your homework will be dropped.
- You are encouraged to discuss homework problems with your classmates, but you must write up your own solutions.
- The goal for doing homework is to get yourself familiarize with basic concepts to follow the course.

(3) Midterm exams (50% of your grade)

- Each mideterm exam will form 25% of your grade.
- The first midterm exam will be given on February 28th during the class time at Earth&Space 079.
- The second midterm exam will be given on April 11th during the class time at Earth&Space 079.

(4) Final exam (30% of your grade)

- The final exam will cover all the materials taught in this semester.
- The final exam will be given on May 11th during 11:15 am - 1:45 pm at Earth and Space 079.

Notes. No books, notes, or electronic devices may be used during exams for the purpose of solving problems.

Blackboard. All course materials for MAT 211 will be available online on Blackboard. Log in at <https://blackboard.stonybrook.edu> using your Stony Brook username and password.

Office hours. You are encouraged to come to office hours whenever you have questions about the course material. If you can't attend office hours, don't hesitate to ask for an appointment at another time.

Student Accessibility Support. If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Student Accessibility Support Center, Stony Brook Union Suite 107, (631) 632-6748, or at sasc@stonybrook.edu. They will

determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

Academic Integrity. Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty is required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty please refer to the academic judiciary website at http://www.stonybrook.edu/commcms/academic_integrity/index.html

Critical Incident Management. Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of University Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures. Further information about most academic matters can be found in the Undergraduate Bulletin, the Undergraduate Class Schedule, and the Faculty-Employee Handbook.

Tentative Schedule.

- Week 1, 1/24-1/28, Section 1.1-1.3.
- Week 2, 1/31-2/04, Section 2.1-2.2.
- Week 3, 2/07-2/11, Section 2.3-2.4.
- Week 4, 2/14-2/18, Section 3.1-3.2.
- Week 5, 2/21-2/25, Section 3.3.
- Week 6, 2/28-3/04, First Midterm and Section 3.4.
- Week 7, 3/07-3/11, Section 4.1-4.3.
- Week 8, 3/14-3/18, Spring Recess.
- Week 9, 3/21-3/25, Section 5.1.
- Week 10, 3/28-4/01, Section 5.2-5.3.
- Week 11, 4/04-4/08, Section 5.4 and Section 6.1.
- Week 12, 4/11-4/15, Second Midterm and Section 6.2.
- Week 13, 4/18-4/22, Section 7.1-7.2.
- Week 14 4/25-4/29, Section 7.3-7.4.
- Week 15, 5/02-5/06, Review.
- Week 16 5/09-5/13, Final Exam.