

MAT 211, Lecture 02, Spring 2018

Course Description:

Introduction to the theory of linear algebra with some interesting applications; vectors, vector spaces, bases and dimension, applications to geometry, linear transformations and rank, eigenvalues and eigenvectors, determinants and inner products. May not be taken for credit in addition to AMS 201 or AMS 210.

Instructor:

Yi Xie, Simons Center 404, email: yxie@scgp.stonybrook.edu.

Lecture: TuTh 4:00pm- 5:20pm, Library E4330

Office hours: TuTh 2:50pm- 3:50pm. MLC hour: Tu 5:30pm-6:30pm

Textbook:

Linear Algebra with Applications, by Otto Bretscher (5th edition)

Homework:

The weekly homework assignments will be posted on the Blackboard website each week, usually on Tuesday. Each homework should be turned in on Thursday of the following week. Late homework will not be accepted.

Exams:

We will have two inclass midterms and one final exam.

Midterm: Location inclass, date TBA.

Final Exam: Wednesday, May 9, 8:00am-10:45am, location TBA.

Grading:

Homework 20%

Midterm I 20%

Midterm II 20%

Final 40%

Disability Support Services (DSS) Statement:

If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC (Educational Communications Center) Building, room 128, (631) 632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

Academic Integrity Statement:

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 are 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 Statement:

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs 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.