MAT 211 - Introduction to Linear Algebra
Summer 2016

Instructor's Information

Fangyu Zou (fangyu.zou@stonybrook.edu)

Office addr: Graduate Students office (S240A in Math Tower)

Office hour: Monday 4:00 - 5:00 pm

MLC hours: Wednesday & Thursday 4:00 - 500 pm

Course Description

This course offers an introduction to the well-developed theory of linear algebra. In the course we will focus mainly on computations (rather than on mathematical proofs). Some of the topics we will cover are: systems of linear equations, Gauss-Jordan elimination, matrices and determinants, vector (linear) spaces and linear transformations, bases, dimension, the kernel-image theorem, inner-product spaces, orthogonality, Gram-Schmidt orthogonalization, eigenvalues and eigenvectors, diagonalization.

Textbook

Linear Algebra With Application, by Otto Bretscher, the fifth edition, Pearson.

Exams

- Midterm - 6/16, 6:00 - 8:15 pm (on class)

- Final - 7/07, 6:00 - 8:15 pm (on class)

Grading

- Homework - 30%

- Midterm - 30%

- Final - 40%

Your course average will be be determined by a weighted average of the graded components above.

Late Homework Policy

A students homework assignment shall be considered late if it is not turned in to the instructor by the end of lecture on the due date. Late homework assignments may be turned in to the instructor by the end of the first lecture after the due date, but will be penalized 40%. Late homework assignments will not be accepted more than one lecture past the due date.

Missed Exam Policy

No make-up exams will be given. If a student misses a midterm exam, then the students final exam grade will be substituted for the missed midterm. A student must sit the final exam at the scheduled time in order to receive a passing grade in the class.

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 (631) 632-6748 or

http://studentaffairs.stonybrook.edu/dss/

They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website:

//www.stonybrook.edu/ehs/fire/disabilities/asp

Academic Integrity Statement

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another persons work as your own is always wrong. Faculty are required to report any suspected instance of academic dishonesty to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at

http://www.stonybrook.edu/uaa/academicjudiciary/

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 Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, and/or inhibits students ability to learn.