MATH 304: Linear Algebra
Section 1   Summer 2016
MTWRF 9:50 - 11:50 AM in LH 3

Instructor: Patrick Milano. Office: WH 316. Email: milano@math.binghamton.edu
Website: `http://www2.math.binghamton.edu/p/people/grads/milano/start`.

Office Hours: By appointment.

Textbook: *Linear Algebra*, A Text for Math 304 by M. Brin and G. Marchesi. Published by the Department of Mathematical Sciences, available through the University Bookstore.

Course Objectives: We will cover the first six chapters of the textbook. We aim to have a solid and sound understanding of real vector spaces. We will study basic properties of such vector spaces, linear maps between them and operators, systems of linear equations, matrices, eigenvalues and eigenspaces of operators, and inner-products on vector spaces.

Grades: Assignments are weighted as follows.

Exam 1	7%
Exam 2	15%
Exam 3	15%
Exam 4	15%
Final Exam	30%
Homework	10%
Quizzes	8%

A grading scale will be determined at the end of the term.

Exams: The will be five exams including a final exam. Barring *very* exceptional circumstances, there will be no make-up exams.

Homework: The majority of assignments will be submitted online via WeBWorK. Unlike other similar web sites for homework submission, WeBWorK is completely free. A username and default password will be provided to you at the beginning of the session. You can log in to WeBWorK here: `https://www1.math.binghamton.edu/webwork2/Math_304_Summer_II_2016/`

Quizzes: There will be a short quiz almost every class. Barring *very* exceptional circumstances, there will be no make-up quizzes.

Academic Honesty: By taking this class, you are pledging that the work you submit is your own and was not copied from books, the Internet, other students, or any other illegitimate source. You are allowed and encouraged to study with your classmates, but you are not allowed to copy someone else's work and present it as your own. Any instances of cheating will be prosecuted. The instructor reserves the right to award a failing grade to any student that cheats.

Important Dates:

Exam 1	Wednesday, July 13th
Add/Drop deadline	Thursday, July 14th
Exam 2	Friday, July 22nd
Withdraw deadline	Tuesday, July 26th
Exam 3	Friday, July 29th
Exam 4	Friday, August 5th
Final Exam	Friday, August 12th