MATH 309 – LINEAR ALGEBRA, COURSE SYLLABUS
FALL 2015 SECTION Y

Instructor: Jack Buttcane
Office: Math 201
Email: my last name at buffalo dot edu
Office hours: T 3:30-4:30pm, W 2:00-3:00pm, R 12:30-1:30pm, or by appointment.
Course webpage: http://www.acsu.buffalo.edu/~buttcane/Math309Fall2015.html

Lecture: TR 2:00-3:20pm in Natural Sciences 228

Textbook: Linear Algebra and its Applications, 3rd custom UB edition, by Lay, Lay and McDonald

Course Description
Linear equations, matrices, determinants, vector spaces, linear mappings, inner products, eigenvalues, eigenvectors.

Prerequisites: Math 142

Grading: The maximum of
- 15% homework, 25% each midterm, 35% final, or
- 15% homework, 25% best midterm, 60% final, or
- 25% homework, 75% final.

Grades assigned by the usual 10% breaks with 2% for +/-; e.g. 92% guarantees an A, 90% an A-, 88% a B+, etc. Instructor will uniformly shift total grades upwards to reflect the difficulty of the course.

Late work: Homework will be assigned during class on Tuesday and collected the following Tuesday either in class or in my office hour before 4:30pm. No late homework will be accepted, and no make-up tests will be given.

Tentative Schedule
Sept. 1, 3: Sections 1.1-1.4; Sept. 8, 10: Sections 1.5-1.8;
Sept. 15, 17: Sections 2.1-2.3; Sept. 22: Sections 2.8-2.9;
Sept. 24: Midterm I
Sept. 29, Oct. 1: Sections 3.1-3.3; Oct. 6, 8: Sections 4.1-4.2;
Oct. 13, 15: Sections 4.3-4.4; Oct. 20: Sections 4.5-4.6;
Oct. 22: Midterm II
Oct. 27, 29: Sections 5.1-5.2; Nov. 3, 5: Sections 5.3-5.5;
Nov. 10, 12: Sections 6.1-6.3; Nov. 17, 19: Sections 6.4-6.5;
Nov. 24, Dec. 1: Sections 7.1-7.2; Dec 3, 8, 10: TDB
Dec. 15, 3:30-6:30pm: Final Exam in NSC 228.