MATH 142 – CALCULUS 2, COURSE SYLLABUS
SPRING 2016 SECTION X

Instructor: Jack Buttcane
Office: Math 201
Email: my last name at buffalo dot edu
Office hours: T 2:00-3:00pm, W 12:30-1:30pm, R 11:00-12:00pm, or by appointment.
My webpage: http://www.acsu.buffalo.edu/~buttcane

Lecture: TR 12:30-1:50pm in Natural Sciences 228
Textbook: Calculus: Early Transcendentals, 8th custom UB edition, by Stewart
The 8th custom UB edition consists of Chapters 1-11 of the standard 8th edition. Homework will be assigned from the 8th (standard/custom UB) edition, no points will be given for problems from other editions.

Course Description
Differentiation and integration of transcendental functions; infinite sequences; series and power series; integration methods; additional topics in analytic geometry.

Prerequisites: Math 141
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. Individual exams may be curved.

Late work: Homework will be assigned on Tuesday and collected Thursday of the following week (9 days) by the end of class. No late homework will be accepted, and no make-up tests will be given.

Tentative Schedule
Jan. 26, 28: 6.1-6.2; Feb. 2, 4: 6.3, 6.5; Feb. 9, 11: 7.1, 7.2;
Feb. 16, 18: 7.3, 7.4; Feb. 23: 7.5, 7.6; Feb. 25: Midterm I;
Mar. 1, 3: 7.7, 7.8; Mar. 8, 10: 8.1, 8.2;
Mar. 22, 24: 8.5, 10.1, 10.2; Mar. 29, 31: 10.3, 10.4;
Apr. 5: 10.5, 10.6; Apr. 7: Midterm II;
Apr. 12, 14: 11.1-11.4; Apr. 19, 21: 11.5-11.8;
Apr. 26, 28: 11.9-11.11; May 3, 5: TBD;
May 12, 11:45am-2:45pm: Final Exam in NSC 228.
Sections we may or may not cover: 6.4, 8.3, 8.4.