MATH 142 – CALCULUS 2, COURSE SYLLABUS  
FALL 2016 SECTION B

Instructor: Jack Buttcane  
Office: Math 201  
Email: my last name at buffalo dot edu  
Office hours: M 12:00-1:00pm, W 11:00am-12:00pm, F 10:00-11:00am, or by appointment.  
My webpage: http://www.acsu.buffalo.edu/~buttcane

Lecture: MWF 9:00-9:50am in Natural Sciences 220  
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  
- 20% homework + 10% best midterm + 70% final.

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

Late work: Homework will be assigned on Monday and collected Wednesday 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: Aug. 29-Sept. 2: 6.1-6.2; Sept. 7,9: 6.3,6.5; Sept. 12-16: 7.1,7.2;  
Sept. 19-23: 7.3,7.4; Sept. 26,28: 7.5,7.6; Sept. 30: Midterm I;  
Oct. 3-7: 7.7,7.8; Oct. 10-14: 8.1,8.2;  
Oct. 17-21: 8.5,10.1,10.2; Oct. 24-28: 10.3,10.4;  
Oct. 31, Nov. 2: 10.5,10.6; Nov. 4: Midterm II;  
Nov. 7-11: 11.1-11.4; Nov. 14-21: 11.5-11.8;  
Nov. 28-Dec. 2: 11.9-11.11; Dec. 5-9: TBD;  
Dec. 14, 8:00-11:00am: Final Exam in NSC 220.

Sections we may or may not cover: 6.4, 8.3,8.4.