MT105 Calculus II
Fall 2009
Dan Chambers

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Calculus has a rich history, interesting mathematics, and many applications. In this class we will explore all of these. Topics include integration, integration techniques and applications, and sequences and series.

For questions about correct course placement, talk to me or consult the advisement section on the department website: www.bc.edu/math

The text we'll use is **Calculus, Single Variable**, by Brian Blank and Steven Krantz. We'll cover most of chapters 5, 7, 8, 9, and 10, along with a couple sections of chapter 6.

How to reach me: my office is 365 Carney; 2-3769; email is probably the most reliable method of reaching me

Office hours: Monday 1-2, Wednesday 2-3, Friday 11-12, or by appointment.

Homework will be assigned daily and collected the next class. The problems assigned will be a mixture of routine, straightforward problems that test basic understanding of the material as well as more challenging problems. I will return correct solutions with your papers and you should look over any mistakes and make sure you understand the solution. If you are having trouble with the homework problems, I'm available for assistance and hints. Late homework will generally not be accepted. You may discuss problems with others, but your write up should be your own.

Class attendance: **attend!** Attendance is very important, as is careful note-taking. There will sometimes be gaps in what I present, such as:"Finish the problem yourself later." Do so. I welcome questions in class. The math department offers free walk-in tutoring in Carney and the Connors Family Learning Center (http://www.bc.edu/libraries/help/tutoring/faqs.html) has free one-on-one tutoring available by appointment; this is located in O'Neill Library.

Exams: there will be two semester exams and a cumulative final. You are only allowed a make-up for a missed exam for a serious reason. If you must miss one, please clear it with me beforehand. **Tentative** dates are Exam 1: Monday, October 19; Exam 2: Friday, November 20; Final: December 18, 12:30 p.m.

Semester grades will be based on homework (15%), semester exams (25% each), and final exam (35%).

Finally, make sure your work is your own (see above for homework collaboration). Academic honesty is essential and cases of cheating will be taken seriously. University procedures will be followed for any infractions. See **www.bc.edu/integrity** for these.