Math 112, Spring 2013
Dr. Sarah Raynor

Textbook: <u>Single Variable Calculus</u>, 7th Edition, James Stewart, ISBN 0-538-49781-5. You do not need to have this exact textbook edition for this course.

Office: Manchester 343
758-4466

Office Hours: Office hours will be from 5-6pm on Wednesdays, 4-6pm on Thursdays, and 11am-noon on Fridays. Office hours will be held in my office. Additionally, there will be a homework review session each Tuesday evening from 5-7pm in Manchester 124. You are also welcome to drop by my office at any time, but I recommend emailing ahead to make sure that I am available.

Email: raynorsg@wfu.edu

Course Website: http://www.wfu.edu/~raynorsg/math112.html

TA: TA help sessions will be held from 7-9pm on Mondays, Tuesdays, Wednesdays, and Thursdays in Manchester 124, beginning after the Martin Luther King Jr. Day holiday. Please also note that you can get help by appointment in the Math Center, Manchester 354.

Course: This course will cover chapters 4-7 of the textbook, which comprise the theory, methods and applications of integration. We will also cover sequences and series (Chapter 11 in the text). The course is intended for students with a background in differential calculus, either via Math 111 at Wake or the AB Calculus AP exam.

Please contact me ASAP if you will need to miss class due to a university-sponsored activity, such as athletics. Also, if you have a disability that may require an accommodation for taking this course, please contact the Learning Assistance Center (758-5929) within the first two weeks of the semester.

Homework: There will be two types of homework assignments in this course. First, we will be using an online homework system called Webassign for review problems for each lecture. Webassign can be accessed at webassign.com. Our class key is wfu 1096 9355. Webassign homework must be completed by 9:00am on Tuesdays, Thursdays, and Fridays. Second, we will have weekly turn-in problem sets to be written up carefully. The written homework will be due at the start of class on Wednesdays, and homework review sessions will be held on Tuesdays from 5-7pm in Manchester 124.

Tests: The course will have three in-class exams. The tentative dates of the exams are Wednesday, February 6, Friday, March 1, and Friday, April 5. You must contact me by January 23 if you have any university-approved conflicts with these dates. Otherwise, you may miss the exam only in the case of serious illness or emergency. The course will have a final exam during the Math Block final exam period, at 9:00am on Friday, May 3.

Evaluation: There are 4 components of your final grade.

1. The 50 minute in-class exams are worth 15% of your grade each, for a total of 45%.

2. The three hour final exam is worth 35% of your grade.

3. The online daily and written weekly homework are together worth 15% of your grade. Each component is worth half the total homework grade.

4. Positive participation in class is worth 5% of your grade.

No late assignments will be accepted, and makeup exams will not be given. Should you be forced to miss an assignment or exam due to a legitimate excuse, it will not count toward your grade. This will have the effect of making your other assignments worth more.