

# Math 111, Fall 2005

**Dr. Sarah Raynor**

**Textbook:** Calculus, Edition 5, Volume 2, James Stewart

**Office:** West 334

**Office Extension:** 4466

**Office Hours:** Mondays 3-4pm, Wednesdays 5-6pm, and Fridays 10-11 am, or by appointment. There will also be a weekly homework session on Tuesdays from 5-7pm.

**Email:** raynorsg@wfu.edu

**Course Website:** <http://www.wfu.edu/~raynorsg/math111.html>

**TA:** TBA.

**Course:** This course will cover the theory, methods and applications of integration, which comprise chapters 5-8 of the textbook, as well as parts of chapters 9 and 11. It is intended for students with a background in differential calculus. The semester will begin with a review, so students who have taken any calculus in high school should be prepared for this course.

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.

**Assignments:** There will be three types of assignments in the course.

1. **Reading Assignments:** Before each lecture you will be expected to complete the assigned reading from the textbook. For each reading there will be several short response questions. These assignments will be available on the course webpage. You must complete the assignment and email your responses to me by 10:00am on the day they are due. Late responses will not be accepted. The subject of your email should include "Math 111", your name and the date.
2. **Group Assignments:** You will be assigned to a group of 3-4 students. On Tuesdays, we will work on practice problems in groups. On those days, the course will meet in West 124 and 125 instead of West 018 to facilitate group discussion. These assignments will be turned in at the end of the period and you must be present in class to receive credit for the assignment.
3. **Homework:** There will also be weekly problem sets. They will be posted on the course website each week on Wednesday, and due at the beginning of class the following Wednesday. Late assignments will not be accepted. Weekly homework review sessions will be held Tuesdays from 5-7pm.

**Tests:** The course will have three in-class exams. The tentative dates of the exams are Wednesday, September 14, Wednesday, October 12, and Wednesday, November 2. You must contact me by September 2 if you will have any 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 of the final exam period, on Thursday December 8 at 9:00am.

**Evaluation:** There are 6 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 30% of your grade.
3. The written weekly homework is worth 10% of your grade.
4. The daily reading homework is worth 5% of your grade.
5. The weekly groupwork is worth 5% of your grade.
6. 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.