

## Mathematics 172 Integral Calculus

Spring 2010

**Professor:** Shawn Rafalski 15 Bannow X2198 srafalski@fairfield.edu

**Office Hours:** M 1:30-3:30 pm, W 2-3pm, Th 2-3pm (or by appointment)

**Math Center (Bannow 129A) Hours:** TBA

**Text:** Stewart, *Calculus*, 6th Ed.

**Course Outline:** We will cover most of Chapters 6, 8 and 12.

**Homework:** I assign homework after every lecture. Every Tuesday morning, a web-based homework assignment will be due, and it will be comprised of homework questions assigned from the previous week. The homework and lectures are the primary sources for exam material, but students who do well in calculus are typically working on many exercises outside of what is assigned. An average student in this course might need to dedicate around three hours to homework per lecture. Try not to fall behind by always

1. Doing as much as you can from the previous class's homework before the next class, and
2. Spending 15 minutes or so looking through the material for the next class before that class.

**Quizzes:** Closed book quizzes will frequently be given at either the beginning or end of class on Thursdays. There are NO MAKE-UPS. The lowest quiz grade will be dropped. These quiz problems are not designed to be difficult, but only to test your basic knowledge of the material. I will typically give "B" or "C" level questions in the quizzes, and the homework should be good preparatory material for them.

**Exams:** There will be three one-hour closed book exams during the semester, and a final exam. Dates to be announced.

**Final Exam Policy:** The date and time of the Final Exam is available on Stagweb. Check this schedule carefully and make your travel plans for the end of the semester accordingly. I will make no alternate exam arrangements.

**Grades:** The following is a rough approximation of the grading system: 10% Homework/Quizzes, 5% "Participation," 20% Each Regular Exam, 25% Final Exam. This is a guideline only and will not substitute for the judgement of the instructor.

**Attendance:** If you miss a class, it is your responsibility to find out what happened. Obtain notes and review the material that was covered before you seek help on that material.

**Calculators:** The TI-83/TI-83+/84/84+/(or something similar) is required for this course. You can definitely use it for homework, and there may (or may not) be sections of each exam where calculator use is permitted. Details to follow.

**Academic Honesty:** All quizzes and exams are closed book. You have been told/read about the policies at Fairfield concerning academic honesty. The bottom

line is that you are adults—treat this course with the same honesty with which you would like to be treated in your life.