

Math 234
Section C
Fall 2005

General Information:

Instructor: Chadwick Gugg
Email: gugg@math.uiuc.edu
Office: 223 Illini Hall
Office Hours: 3:00 – 5:00 Fridays
Class Website: http://www.math.uiuc.edu/~gugg/math234_c1.html
Lecture Time/Location: 3:00 – 3:50 Mondays and Wednesdays in 314 Altgeld
Deadline to Drop: October 14
Textbook: *Calculus & its Applications*. Goldstein, Lay, and Schneider.
10th ed.
Final Exam Time/Location: 1:30 - 4:30 Wednesday, December 14 in 314 Altgeld Hall

Grading: There will be weekly quizzes, three midterms, and a final examination. Your grade will be determined by your performance on these quizzes and examinations. The quizzes and examinations will count as follows for your grade in the course:

- 100 points for weekly quizzes (see below for details)
- 100 points for each of the 3 midterms
- 200 points for the final

This gives a total of 600 points which you may earn in the course. Grades will be based on the following:

	400 – 419	D+	460 – 479	C+	520 – 539	B+	580 – 600	A+	
0 – 359	F	380 – 399	D	440 – 459	C	500 – 519	B	560 – 579	A
	360 – 379	D-	420 – 439	C-	480 – 499	B-	540 – 559	A-	

The above table indicates the maximum cutoff for various letter grades. For instance, a score of 560 guarantees an A. The cutoffs may be lowered (for instance 550 being an A), but they won't be raised. Any decisions about lowering the cutoffs will be decided at the end of the course.

Homework: I will be regularly recommending certain homework problems to look at to help you with your understanding of the material in the course. The homework will not be collected; however, there will be weekly quizzes whose problems will be similar to homework problems.

Quizzes: There will be a total of 11 quizzes through the semester, each worth 10 points. The lowest score will be dropped. The quizzes will be administered every Thursday in discussion section starting September 1, except for weeks of an examination. Each quiz

will consist of one or two problems to be solved in 15 - 20 minutes. There are no make-up quizzes.

Exams/Final: There will be three hour exams plus a final exam. They will be announced at least one week in advance and will be evenly spaced throughout the semester. See the “Course Overview” below for approximate times. All hour exams and the final will be administered in lecture in 314 Altgeld.

- The final exam is scheduled for Wednesday, December 14 from 1:30 to 4:30 in 314 Altgeld.

Policies: If you have a personal problem (illness, accident, or family crisis) which prevents you from participating in any aspect of the course (in particular exams and quizzes), you need to have the Emergency Dean send me a letter to excuse your absences. You can contact the Emergency Dean at (217) 333-0050. Visit <http://www.odos.uiuc.edu/emergency/> for more information.

Course Overview: This course fulfills a quantitative reasoning general education requirement. Math 234 introduces you to important (and beautiful) ideas and techniques from differential and integral calculus in one and several variables along with certain applications to business and the sciences. Here is a **rough** overview of what we will be covering this semester:

- Chapter 1: The Derivative
- Chapter 2: Applications of the Derivative
- Chapter 3: Techniques of Differentiation
- **Exam 1**
- Chapter 4: Logarithm Functions
- Chapter 5: Applications of the Exponential and Natural Logarithm Functions
- **Exam 2**
- Chapter 6: The Definite Integral
- Chapter 9: techniques of Integration
- Chapter 12: Probability and Calculus
- **Exam 3**
- Chapter 7: Functions of Several Variables
- **Final Exam** Wednesday, December 14 from 1:30 to 4:30 in 314 Altgeld