

**MATH 234**  
**SECTIONS AL1, L1, L2**  
**FALL 2006**

**General Information.**

Instructor: Chetan Pahlajani  
 Email: pahlajan@math.uiuc.edu  
 Office: 346 Illini Hall  
 Office Hours: 3:00–5:00 Fridays  
 Lecture Room and Time: 151 Everitt at 10:00 AM on Mondays and Wednesdays  
 Deadline to Drop: October 13th, 2006  
 Textbook: *Calculus & its Applications*. Goldstein, Lay, and Schneider.—10th ed.

**Discussion Sections.** There are five discussion sections for lecture section AL1 and two (concurrent) discussion sections for lecture sections L1, L2. The TA's for the course are Jin Won Choi, Seung Kook Park and Hailong Hu. The discussion schedule is as follows:

Section	Days/Time	Location	TA
AD1	TuTh 8:00–8:50	147 Altgeld	Jin Won Choi
AD2	TuTh 9:00–9:50	152 Henry	Jin Won Choi
AD3	TuTh 9:00–9:50	159 Altgeld	Seung Kook Park
AD5	TuTh 10:00–10:50	347 Altgeld	Seung Kook Park
AD6	TuTh 8:00–8:50	341 Altgeld	Hailong Hu
D1, D2	TuTh 10:00–10:50	145 Altgeld	Hailong Hu

The contact information for the TA's is as follows:

TA	Email	Office	Office Hours
Jin Won Choi	choi29@uiuc.edu	B1 Coble	TuTh 10:00–11:00
Seung Kook Park	skpark@uiuc.edu	123 Altgeld	M 1:00–3:00
Hailong Hu	hhu@uiuc.edu	TBA	TBA

**Grading.** There are 600 points to earn in this course:

- 100 points for weekly quizzes (see below for details)
- 100 points for each exam—there will be 3 exams (dates to be announced)
- 200 points for the final.

Grades will be based on the following:

0–359	F	400–419	D+	460–479	C+	520–539	B+	580–600	A+
		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 cutoff's may be lowered (for instance 550 being an A), but they won't be raised. Any decisions about lowering cutoffs will be decided later on in the course.

**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 in discussion section, *almost always* on Thursday - towards the end of the course, there may be a quiz on a Tuesday if the need arises (i.e. if the 11th quiz needs to be administered, but there aren't any Thursdays left). There will not be a quiz in the weeks when there is an hour exam. Each quiz will consist of one or two problems to be solved in 15–20 minutes.

**Exams/Final.** There will be three hour exams, not including the final. They will be announced at least a week in advance and will be spaced evenly throughout the semester. See the “Course Overview” subsection below for approximate times. The hour exams will be administered in lecture. **Calculators will not be allowed on any tests.**

- The final is on Thursday, December 14th, 8:00–11:00 AM.

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

**Course Overview.** This course fulfills a quantitative reasoning general education requirement. Here is a **rough** outline 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**