

# Math 2200 – Analytic Geometry and Calculus

Spring 2003

**Times:** T H 5:00 - 6:15 p.m., Boyd 323  
**Instructor:** Kenyon J. Platt  
**Office:** Boyd 427K  
**E-mail:** [platt@math.uga.edu](mailto:platt@math.uga.edu)

**Office Hours:** Tuesday: 3:30 p.m. - 5:00 p.m.  
Thursday: 3:30 p.m. - 5:00 p.m.  
\*If you need to meet with me at another time, please make an appointment.

**Text:** Edwards and Penney, *Calculus, Early Transcendentals Version*, 6<sup>th</sup> edition  
**Calculus Lab:** All students must register for a Calculus Lab, Math 2200L.

**Course Content:** We will mainly cover Chapters 2 through 4 in the text. Topics Include:

Limits	Related Rates
Continuity and Intermediate Value Theorem	Linear Approximations
Definition of Derivative	Mean Value Theorem
Differentiation Rules for various functions	First Derivative Test
Maximum and Minimum Problems	Higher Derivatives
Implicit Differentiation	Curve Sketching
	Anti-Derivatives
	Simple Differential Equations

**Exams:** There will be three in-class exams, each worth 100 points, and a comprehensive final exam worth 200 points. The schedule for these exams is as follows (times for the three in-class exams is tentative):

Exam 1	Thursday, February 6
Exam 2	Thursday, March 6
Exam 3	Thursday, April 10
Final Exam	Monday, May 5 from 7:00 - 10:00 p.m.

Students who miss exams due to extenuating circumstances must go through the Office of Student Affairs.

**Quizzes:** Quizzes will be given approximately once every three class meetings. There will be seven quizzes during the semester, and one of these can be dropped. Consequently, **THERE WILL BE NO MAKE-UP QUIZZES GIVEN!** The material on the quizzes will be based on suggested homework that will be given each day. The homework must be mastered, but it will not be collected.

**Grading:** There will be 620 points possible, distributed as follows:

Three one-hour exams: 300 points  
Quizzes: 120 points  
Comprehensive final exam: 200 points

The following table gives the point breakdown with the corresponding grade.

Point Range	Letter Grade
558 - 620	A
496 - 557	B
434 - 495	C
372 - 433	D
0 - 371	F

**Attendance:** Attendance is *strongly* recommended. Students are responsible for everything discussed in class. I reserve the right to withdraw a student who fails to attend class.

**Withdrawals:** The withdrawal deadline is March 7.

**Academic Honesty:** All students are responsible for maintaining the highest standards of honesty and integrity in every phase of their academic careers. The penalties for academic dishonesty are severe and ignorance is not an acceptable defense.