

MATH 2200 (84-396)
Spring 2003

Classroom : Boyd 303 **Time :** Tuesday, Thursday 11:00am-12:15pm

Instructor : Milton Nash

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Office Hours : Mondays 9:30am-10:30am, Tuesdays and Thursdays 2:00pm-3:00pm,
and *please* feel free to make appointments for other times.

Text : Edwards and Penney, Calculus with Analytic Geometry, 6th edition
(Early Transcendentals Version)

Grades : There will be 3 hour long exams during the course, approximately 10-12 quizzes, and a 3 hour comprehensive final exam. Quizzes will be announced at least one class period beforehand. The worst 2 quiz grades will be dropped. Calculators will not be allowed during quizzes or exams. Your course average will be determined using the weights

3 hour-long exams	300 points total
Quizzes	100 points total
Final	200 points
Total	600 points

Grading Scale :

$F < 60 \leq D < 70 \leq C < 80 \leq B < 90 \leq A$

Homework : Homework will be assigned daily and it is *essential* that you do all reading before the next class and attempt all problems. Some class time will be devoted to discussing solutions to the homework problems. However, the homework will neither be turned in nor graded. Instead you will be given quizzes consisting of a subset of homework problems.

Attendance : Attendance will be taken regularly, starting Thursday Jan. 16th. Students with more than 4 unexcused absences may be withdrawn from the class.

Academic Honesty

All students are responsible for maintaining the highest standards of honesty in every phase of their academic careers. The penalties for academic dishonesty are severe and ignorance is not an acceptable defense. To find out more about the University's academic honesty policy see (especially sections 5 and 7)

http://www.uga.edu/ovpi/academic_honesty/culture_honesty.htm

Tentative Schedule :

<u>Week</u>	<u>MON</u>	<u>Tuesday</u>	<u>WED</u>	<u>Thursday</u>	<u>FRI</u>
Jan. 6-10				Introduction	
Jan. 13-17		Tangent lines and the limit concept (2.1,2.2)		More about limits (2.2,2.3)	
Jan. 20-24		More about limits (2.3)		Continuity (2.4)	
Jan. 27-31		REVIEW		TEST I	
Feb. 3-7		Derivatives and rates of change (3.1)		Basic Differentiation rules (3.2)	
Feb. 10-14		Chain rule (3.3,3.4)		PROBLEM SESSION	
Feb. 17-21		Maxima and Minima (3.5)		Applied max-min problems (3.6)	
Feb. 24-28		Applied max-min problems (3.6)		REVIEW	
Mar. 3-7		TEST II		Derivatives of trig. functions (3.7)	MID POINT
Mar. 10-14		Derivatives of trig., exp, and log functions (3.7,3.8)		Implicit differentiation and related rates (3.9)	
Mar. 17-21		SPRING BREAK		SPRING BREAK	
Mar. 24-28		PROBLEM SESSION		Linear Approximations (4.2)	
Apr. 1-4		Increasing/Decreasing functions, MVT (4.3)		First derivative test, applications (4.4)	
Apr. 7-11		REVIEW		TEST III	
Apr. 14-18		Curve Sketching (4.5)		Concavity (4.6)	
Apr. 21-25		Rational functions (4.7)		Antiderivatives (5.2)	
Apr. 29		REVIEW			
May 5-9		FINAL EXAM (Wed. May 7, 8:00am-11:00am)			