

## Math 2200L - Differential Calculus Lab Spring 2007

**Instructor:** Kenyon Platt  
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**Office Hours:** TBA

**Class Room:** Boyd, Room 221  
**Class Time:** W: 3:35 – 4:25 am  
**Text:** Edwards & Penny, *Calculus: Early Transcendentals Version*, 6<sup>th</sup> Edition  
**Web Site:** [www.math.uga.edu/~platt/Links/math2200.html](http://www.math.uga.edu/~platt/Links/math2200.html)

**Content:** We will investigate ideas in Calculus using MAPLE. We will do four projects which are designed to increase the students understanding of Calculus ideas.

**Grading:** Grading will be based on the following:

Participation:	100 points	20%
Projects:	<u>400 points</u>	80%
Total:	500 points	

Grades will be assigned based on percentage as follows:

A: 92% - 100%	B+: 86% - 88%	C+: 76% - 78%	D: 60% - 66%
A-: 89% - 91%	B: 82% - 85%	C: 70% - 75%	F: 0% - 59%
	B-: 79% - 81%	C-: 67% - 69%	

**Participation:** Students who attend regularly and participate in a positive way will earn 100 participation points toward their grade.

**Projects:** We will do four projects during the semester. The topics and due dates will be as follows:

<b><u>Project</u></b>	<b><u>Due</u></b>
Limits	January 31
Derivatives and Tangent Lines	February 28
Newton's Method	April 4
Interest and Exponential Functions	April 25

I will give details for each topic as we go. Students will be required to hand in a nicely organized and typed report for each project which includes appropriate graphs, tables, and pictures. Generally they should range between 5 and 10 pages. Each project is due by 5pm on the given due date.

**Office Hours:** Office hours are for you to come and get help and ask questions. If you can't make the assigned times, feel free to set up an appointment with me.

**Other:** I reserve the right to make any necessary changes to this syllabus.

**Academic Honesty:** All students are responsible for knowing the University's policy on academic honesty. All academic work submitted in this course must be your own unless you have received my permission to collaborate. It is my responsibility to uphold the University's academic honesty policy and report my suspicions of dishonesty to the Office of the Vice President for instruction.