

## MATH 2200L Differential Calculus Lab (Summer 2004)

Course: MATH 2200L

Room: GSRC 1023-0220

Call: 00-326

Time: 10:30A – 11:30AM, MTWR

Instructor: Jianbao Wu

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Juhyung Yi

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Grading: Juhyung Yi(project1--3), Jianbao Wu(project4—5 and give final grades)

Office hours: Jianbao Wu 12:00—1:00PM/3:30—4:15PM Thursday Other times by appointment;

Juhyung 1:00—3:00PM Wednesday

### Course description

The calculus labs have been designed to give you an opportunity to investigate math problems in greater detail than in the calculus books. You will work on projects and write reports on them with the aid of Maple, a computer algebra system.

### Materials

All stuffs can be found in -----Course web site: <http://www.math.uga.edu/calclab2200/>

Projects		Due day
Project 1	Welcome to Maple 1&2	June 16
Project 2	Definition of the Derivative	June 22
Project 3	Tangent Lines	June 24
Project 4	Newton's Method(Part4—7)	June 30
Project 5	Bungee Jump (Part 2)	July 7

## **Course grading**

Grades will be based on a student's performance in the 5 projects (80% of the course grade) and participation (20% of course grade). 10 points are possible for each project. 2 points will be taken off if no introduction or bad report style. If the project is later more than due day of the next project, this project will be zero points. Later project will be taken at least 4 points off. The final score is (sum of 5 projects\*8/5 + participation)/100. The score needed to get the various grades are: A: 90%-100%; B: 80%-90%; C: 70%-80%; D: 60%-70%; F: 50-60%. You're supposed to hand in every project. If you miss one but less than four, your final grades will be lower one letter. If you miss 4 or more projects, you get F.

## **Attendance policy**

A student who misses three or more classes that he/she does not make up will have his/her grade lowered by one letter. But if you miss five or more classes, you'll be withdrawn from this course and your final grades will be W or WF no matter how many make-ups. In other case, every missing class minus 2 points in your participation scores. You're supposed to work on your project at least 40 minutes in every class, otherwise scores of participation will be lower.

## **Withdrawal policy**

If a student withdraws from a lab, the student must withdraw from the regular course-math2200. Students will initiate their own withdrawals on OASIS by themselves.

## **Additional information**

1. You are encouraged to work in groups on projects. You may obtain results as a group. However, the final write-up of your report must be your own, and make sure you understand what you do. Each student must sign her/his report after the academic honesty statement at the end of the report, if not, you get at least 4 points off and no chance of redo.
2. There will be open lab, you will get notice when there are open labs, you can work on your projects in that room, and there would be somebody to whom you can relate for help.
3. You have no chance to redo your project.
4. This course syllabus provides a general plan for the course; deviation may be necessary.