

**MATH 2210L Syllabus  
Summer Semester, 2004**

Course: MATH 2210L

Room: GSRC 1023-0221

Call: 00-298

Time: 01:00P-03:15P Tue

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**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 the material can be found on course web site: <http://www.math.uga.edu/calclab2210/>

**Projects.** (Date in each item shows the due day of the project)

Initiation to Maple and Calculus Lab	Jun. 15
Project 1. Welcome to Maple	Jun. 22
Project 2. Riemann Sums	July. 6
Project 3. Area Between Curves	July. 13
Project 4. The Annual Salmon Run	July. 20
Project 5. Equiangular Spiral	Aug. 3

**Course grading.**

Grades will be based on a student's performance in the 5 projects and one quiz, the quiz has the same weight to one project. The quiz will be given at the beginning of one class; there is no notice before the quiz. The score needed to get the various grades are:

A: 90%-100%; B: 80%-90%; C: 70%-80%; D: 60%-70%; F: 50%-60%

**Attendance policy.**

A student who misses two or more classes that he/she does not make up will have his/her grade lowered by one letter.

**Withdrawal policy.**

If a student withdraws from a lab, the student must withdraw from the regular course-math2210. Students will initiate their own withdrawals on OASIS.

**Additional information.**

1. Instructor of this lab is not supposed to teach you how to work with problems and the projects, but will be available to help you with Maple as you work. You are encouraged to collaborate with each other--form a small group of two or three people. The projects can be done with your team work and the reports, however, must be written by yourself. Each student must sign her/his report after the academic honesty statement at the end of the report. 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.

[http://www.uga.edu/ovpi/academic\\_honesty/culture\\_honesty.htm](http://www.uga.edu/ovpi/academic_honesty/culture_honesty.htm)

2. You can redo you project, you must turn in your redo project in a week after you get your graded one. We will take the average of the both.

3. This course syllabus provides a general plan for the course; deviation may be necessary.