

MATH 2210 L Syllabus for Spring 2003

Instructor: Kyunglim Nam, (knam@math.uga.edu)

Office: Rm 434E Boyd GRSC (**Office Phone #:** 542 -2617)

Office Hr: W 2pm~ 3pm and **Thur** 2:30pm~3:20pm.

Grading Policy: Your grade will be given according to your **projects**.

When I grad your project, I am focusing on **your reasonable mathematical explanations and investigations**. You need to be careful **not to just simply** mention what you are doing for this project.

The followings are about how to write your report from the calculus lab website.

1. Write your report as if you are explaining your project to your fellow calculus students who have not worked with you on this project.
2. Your report should have **Maple commands**, sentences of **Mathematical explanations** between the Maple commands and a paragraph of **summary** . The summary paragraph should discuss the main results of your investigation as well as ideas and concepts that you learned through your investigation. **The summary paragraph should *not* merely be a rehashing of the steps of the project.**
3. All text should be complete sentences written in good English with correct spelling

I do not take any late project.

Project Topics: (www.math.uga.edu/calclab2210)

You do your project based on the manual and my extra handout which I give you before you start each project. You can get help from the **Open Lab** session M~F (10am-2pm), Rm308 and M~Th (6pm~10pm), Rm221.

- Welcome to maple I
- Riemann Sums
- Trapezoidal Rule
- A Gas Tank Problem
- Solids of Revolution
- Sagging Cable
- Equiangular Spiral

(Topics can be adjusted according to the time schedule.)

Attendance Policy:

Students may miss 2 classes without penalty.

Students who miss more than two classes must make up for those classes.

If they do not make up, they will have their grade lowered by one letter grade.

Academic Honesty:

You may work together but you **must write your own reports with your own words**.