

Spring 2004
MATH 2200L (10-108)

Time: Wednesday 3:35 pm - 4:25 pm **Class Room:** 220 Boyd Graduate Studies Bldg.

Instructor: Milton H. Nash
Office: 427F, Boyd Graduate studies Bldg.
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Office Hours: Wednesday 1:00 pm – 3:00 pm, please feel free to make an appointment for other more convenient times

Materials and Maple Access:

You can obtain the projects from

<http://www.math.uga.edu/calclab2200/>

You can purchase MAPLE 8 at the University bookstore. You are not, however, required to purchase this software. Maple is already available at EITS sites throughout campus (see the homepage given below).

Open Lab Hours:

See the 2200L homepage:

<http://www.math.uga.edu/calclab/>

Co-requisite Course:

MATH 2200L is a co-requisite for MATH 2200. If you withdraw from 2200L, you *must also* withdraw from MATH 2200. If you fail to do so, you will be withdrawn from MATH 2200 automatically at the midpoint.

Projects, Tests, and Grades:

Your grade in the lab will be based on 8 MAPLE projects, 3-4 quizzes, and a final exam. The quizzes and final exam will account for 20% of the grade.

Schedule of Projects

Due Date

Jan. 14	Introduction to 2200L	
Jan. 21	Welcome to MAPLE I	Jan. 28
Jan. 28	Welcome to MAPLE II	Feb. 4
Feb. 4	An Interesting Geometric Limit	Feb. 11
Feb. 11	Tangent Lines	Feb. 18
Feb. 18	(Old) Newton's Method	Mar. 17
Mar. 17	Max-Min Problems	Mar. 31
Mar. 31	Power Lines Through the Park	Apr. 14
Apr. 14	Home Mortgages	Apr. 28
Apr. 28	Final	

(Projects are always due at the beginning of the lab period)

Format

Begin your report with a **title** centered at the top of the page followed by your name. You should then have an **introductory paragraph** (1 point), the purpose of which is to briefly summarize your project and the results you obtained. In the **body** of your report, you should answer all the questions asked in the project and perform all the assigned tasks. But you're also expected to explain your work, in plain English, throughout the body of the project (1 point). In both the introduction and body, you should write clearly so that someone who's not familiar with the project (your mother, say) may have some hope of understanding what you're doing. Be sure to write in complete sentences and be attentive to spelling. The point is to practice *effectively communicating* mathematics to others. Projects are graded on a scale from 0 to 10. So the explanatory parts of your project account for 20% of your grade.

The **Academic Honesty Statement** and your signature should be included at the end of every report. Failure to do this will result in your report not being graded and returned to you. If you then resubmit the report with the statement and signature it will be treated as turned in late (2 points will be deducted). Although you are encouraged to work together, the final fruits should be your own – written in your own words. In all work you are expected to abide by the official University policy on Academic Honesty which can be found at

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

Attendance Policy:

Three or more absences will result in your final grade being lowered by a letter grade. Make-ups are allowed if done in a timely fashion, if you submit the proper documentation and request (from me) a make-up form.

Note: This syllabus is provisional. Deviations may be necessary.