

**Spring 2003**  
**MATH 2200L (94-424)**

**Class Room :** 220 Boyd Graduate Studies Bldg.  
**Instructor :** Milton Nash  
**Office :** 427F, Boyd Graduate Studies Bldg.  
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**Email :** [mnash@math.uga.edu](mailto:mnash@math.uga.edu)  
**Office Hours :** Tuesday, Thursday 2:00pm-3:00pm and other times by appointment

**Materials and Maple Access :**

You can obtain the projects from

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

You may 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/>

**Corequisite Course :**

MATH 2200L is a co-requisite for MATH 2200. If you withdraw from MATH2200L, 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 If you fail to do so, you will be withdrawn from MATH 2200 automatically at the midpoint.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, 4-6 quizzes, and a final exam. The quizzes and final will account for 20% of the grade.

**Schedule of Projects**

**Due Date**

Jan. 13	Introduction to 2200L	
Jan. 27	Welcome to MAPLE I	Feb. 3
Feb. 3	Welcome to MAPLE II	Feb. 10
Feb. 10	Some Interesting Limits	Feb. 24
Feb. 24	Tangent Lines	Mar. 3
Mar. 3	Power Lines Through the Park	Mar. 24
Mar. 24	Newton's Method	Apr. 7
Apr. 7	Home Mortgages	Apr. 14
Apr. 14	Bungee Jump	Apr. 28
May 1	Final	

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

### **Format**

Begin your report with a **title** centered at the top of the page followed by your name. You should then have an **introduction** (2 points), the purpose of which is to summarize your project and the results you obtained. Be sure to write in complete sentences and be attentive to spelling (1 point). The point is to practice effectively *communicating* mathematics to others. In the **body** of your report, you should state and answer all the relevant questions asked in the project justifying these answers mathematically. Here I don't want to know what MAPLE commands you used.

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](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.