

Math 2210L – Integral Calculus Lab

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Office Hours: Tuesday: 11-12, Wednesday: 1:15-2:15

Objectives: The calculus labs have been designed to give you an opportunity to investigate math problems in greater detail than in the calculus books. They are also designed as an introduction to the powerful mathematical programming language Maple. In addition, your communication of mathematics in a technical manner will be practiced and perfected.

Co-requisite: Math 2210 or equivalent. The lab is to be taken in conjunction with the regular Calculus class.

Book: There is no printed book required for this class. The projects for the semester are posted at <http://www.math.uga.edu/calclab/calclab2210/>. Of course, we will not be completing all these projects.

Website: The class website can be found at <http://www.math.uga.edu/~guy>. It will be updated often and should be consulted regularly. We will also use WebCT for file saving and I may also post important information there. The address is <http://webct.uga.edu>.

Grading:

The normal 10 point grading scale will be used.

[90,100] → A; [80,90) → B; [70,80) → C; [60,70) → D; [0,60) → F

A plus/minus will be included on grades in the top/bottom 2 percent of each range.

Grading will be based on your project grades.

Extra Credit: There will be no extra credit.

Projects: Projects will be listed on the course website. I will often make changes to the labs assigned and you should consult the instructions for details before beginning any project. Projects will NOT, however, be submitted online, but will be printed out and handed in (Note: this will require having a UGA ID with ample Bulldawg Bucks). More information will be given later.

Due Dates: Due dates will be given later and will generally be a week or two after the assignment is discussed in class with the possibility that some parts will be turned in the **SAME** day the topic is discussed. Projects must be submitted in paper by the due 10 minutes into the start of the class period in which we start the next project.

Late Assignments: No late assignments will be accepted.

Attendance: Attendance is necessary for your success in this class. Attendance will be taken at each class. A one letter grade deduction will be made from your final grade on the fourth absence, and one letter grade for each absence thereafter.

Dropping the Class: In order to comply with departmental policies regarding lab enrollment, to drop the lab you must also drop the lecture. Failure to do so could result in the department withdrawing you administratively from the lecture. You may, however, drop the lecture and keep the lab.

Makeups: Missed work will result in a zero. You should take advantage of the “Late Days” to turn in any work missed during an absence. If you run out of late days, there will be no making up of labs or assignments in any fashion. See Late Assignments above for possibility of turning in assignments late.

Academic Honesty: You are required to follow the university’s honor policy on all of your work in this class. Collaboration is encouraged, but the work which is turned in for a grade should be 100% yours. Working with someone is not the same as submitting the same report (even partially the same). You will also be required to cut and paste the Honor Code to the bottom of your project. Your signature (which is required at the bottom of each project) constitutes your agreement to these policies. Any lab without an honor code will not be graded, and you will receive an automatic zero for the assignment. Any violation of the academic honesty policy will result in the maximum allowable penalty for such an infraction including (but not limited to) receiving an F for the project, becoming ineligible for any bonus points and being turned over to the proper authorities for further discipline. You are responsible for maintaining the integrity of your work. It is your responsibility to ensure that no one has access to any print outs of your project nor your files at any time. You should never throw away a copy of your lab report in an area where others could have access to it, nor leave your files unattended. Failure to secure your work is also a violation of the academic honesty policy of this class. The university’s *A Culture of Honesty*, which includes definitions of dishonesty, can be found at:

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

This is only a guide and may need to be changed from time to time at the instructor’s discretion.