

Syllabus for MATH2200L, Differential Calculus Lab, Fall Term 2003

Instructor: Kai Laemmle

Office: room: 427E, Boyd Graduate Studies Bldg, 4th floor
phone: 542-2619, email: laemmle@math.uga.edu

Office Hours: Mon 2:30pm - 3:30pm
Tue 3:30pm - 4:30pm
Thu 11:00am - 12:00pm
additionally, appointments are very welcome

Lab Times: Tuesdays, 12:30p–01:45p, room 220 (call# 02–407)
Thursdays, 09:30a–10:45a, room 220 (call# 11–971)

Prerequisites:

For the calculus lab, you should be familiar with the following concepts:

Concept of a function, point–slope–formula, how to calculate the distance of two points, equation of a circle, equation of a line based on two points, finding points of intersection

Objective of the Course:

- to help to understand and apply concepts from the differential calculus class, such as limits, continuity, tangent lines, derivatives, meaning of the derivative, applications of derivatives, e.g. min–max–problems
- to introduce Newton’s Method
- to develop basic skills to use Maple
- to improve problem solving skills

Grade:

The final grade is based on 6 projects. Each project will be graded on a 4–point–scale and counts equally towards the final grade.

Attendance:

You are required to sign the attendance sheet passed around each class. Any student, who has more than 5 absences in the attendance records, may be withdrawn from the lab.

The withdrawal is subject to the UGA grading policy, which may result in a WF or F as a final grade.

Calclab News:

You will receive emails containing important announcements to your ugamail account (e.g. change of deadlines). If you want to receive the calclab news on a different email address, you can send an email from your ugamail account to me indicating your preferred email address.

You are responsible to check for calclab news at least twice a week.

WebCT:

This course has a WebCT website.

Login at <https://webct.uga.edu> using your UGA myID and password, and click on "MATH 2200L (Fall 2003)".

Withdrawal Policy

A student who withdraws from a lab must withdraw from the calculus course.

The Department of Mathematics will enforce this regulation.

Not allowed

No food, no drinks are allowed in the lab rooms. Please mute your cellular phones.

Academic Honesty

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. Refer to

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

for details. **Anyone caught violating any part of this policy will be subject to the penalties listed in section 8 of the policy.**

Projects

- Every student has to submit his/her own project (no group submission) electronically via the WebCT course website.
- The name of the file has to be your myID login name followed by the number of the assignment, for instance: laemmle3.mws.
- Write your name, the name of the project and your myID login name on top of the file.
- The deadlines for the projects are strict. Every late or missed project will be graded as 0.
- You have only one attempt for every project (no redo option).
- I encourage you to work together. You are allowed to explain or discuss mathematical questions, syntax and use of Maple as well as the use of the computer, and you are allowed to develop ideas with other students.
- But you are not allowed to copy any parts of projects of other students, or let other students copy any parts of your projects.
- You don't have to write comments in your projects, unless the instructions ask for explanations or ask questions. All explanations in your projects have to be written **in your own words, on your own**.
- **Any suspect of academic dishonesty will be reported to the Office of Vice President of Instruction.**

It is your responsibility to read and understand the syllabus. You are also responsible to inform yourself of the UGA policies and its time schedule (e.g. drop-add-period, midpoint withdrawal deadline).